

LIBRARY  
BUREAU OF THE CENSUS



REFERENCE COPY

HC80-2-204

Census  
REF  
HD  
7293  
.A56x  
1983  
v.2  
pt.204  
c.1

# Metropolitan Housing Characteristics

**KOKOMO, IND.**

STANDARD METROPOLITAN STATISTICAL AREA

# 1980 Census of Housing

Bureau of the Census  
Library

U.S. Department of Commerce  
BUREAU OF THE CENSUS



# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**KOKOMO, IND.**

HC80-2-204

Issued November 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

## Data Index

For list of contents see page IX.

	Table
Value . . . . .	1, 14, 25, 36, 47, 58
Gross Rent. . . . .	2, 15, 26, 37, 48, 59
Income and Poverty Status in 1979 of Owner- Occupied Housing Units . . . . .	3, 16, 27, 38, 49, 60
Income and Poverty Status in 1979 of Renter- Occupied Housing Units . . . . .	4, 17, 28, 39, 50, 61
Selected Monthly Owner Costs for Mortgaged Housing Units . . . . .	5, 18, 29, 40, 51, 62
Selected Monthly Owner Costs for Not Mortgaged Housing Units . . . . .	6, 19, 30, 41, 52, 63
Year Structure Built. . . . .	7, 20, 31, 42, 53, 64
Units in Structure . . . . .	8, 21, 32, 43, 54, 65
Size of Household . . . . .	9, 22, 33, 44, 55, 66
Household Composition and Age of Householder . . .	10, 23, 34, 45, 56, 67
One-Person Households . . . . .	11, 24, 35, 46, 57, 68
Duration of Vacancy . . . . .	12
Price Asked and Rent Asked . . . . .	13



**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

**HOUSING DIVISION**  
Arthur F. Young, Chief

## Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**. Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of **Stanley D. Matchett**, Chief, assisted by **Rachel F. Brown** and **Roger O. Lepage**, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: **Donald R. Dalzell**, **H. Ray Dennis**, **Stephen E. Goldman**, **Dennis W. Stoudt**, and **Richard R. Warren**.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of **Arthur F. Young**, Chief; **Leonard J. Norry**, Assistant Chief; and **William A. Downs**, Chief, Decennial Planning and Data Services Branch. This report was prepared by **Robert W. Bonnette**, **Carol A. Comisarow**, **Richard G. Knapp**, and **Charles N. Moore**. Important contributions were made by **Carmina F. Young**, Special Assistant.

Administration support was provided by the Administrative Services Division, **Robert L.**

**Kirkland**, Chief, and **William C. Fanning**, Assistant Chief.

Computer processing was performed in the Computer Services Division, **C. Thomas DiNenna**, Chief, **James E. Steed**, **George M. Bowden**, and **Joseph J. Sferrella**, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, **James S. Werking**, then Chief, under the direction of **Harry O'Haver**, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, **Don L. Adams**, Chief; Jeffersonville Processing Office, **Robert L. Kirkland**, then Processing Manager; New Orleans Processing Office, **Robert L. Allen**, Chief; and Laguna Niguel Processing Office, **Robert N. Scheller**, Chief.

User services were provided by the Data User Services Division under the supervision of **Michael G. Garland**, Chief, **Marshall L. Turner, Jr.**, and **Paul T. Zeisset**, Assistant Chiefs.

Data collection activities were supervised in the Field Division by **Lawrence T. Love**, Chief, under the direction of **Richard Blass**, **Charles Hancock**, and **George T. Reiner**, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Robert W. Marx**, Chief; **Joseph J. Knott** and **Silla G. Tomasi**, Assistant Chiefs; and **Donald I. Hirschfeld**, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, **Raymond J. Koski**, Chief; **Milton S. Andersen**, **Arlene C. Duckett**, and **Gerald A. Mann**, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by **Charles D. Jones**, Chief; **Susan M. Miskura** and **Robert T. O'Reagan**, Assistant Chiefs. Important contributions were made by **David H. Diskin**, **Milton C. Fan**, **Thomas W. Harahush**, **Robert S. Jewett**, **J. Kim**, **Teresa A. Passalacqua**, **Charles E. Talbert**, **John H. Thompson**, and **Henry F. Woltman**.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **C. Thomas DiNenna**, Acting Chief, and **Robert J. Varson**, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

### Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-

Issued August 1983—

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957  
AACR2

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

# List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North Charleston, S.C.
2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas	81	Bakersfield, Calif.	117	Charlottesville, Va.
6	California	46	Utah	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	83	Bangor, Maine	119	Chicago, Ill.
8	Connecticut	48	Virginia	84	Baton Rouge, La.		
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.		
26	Mississippi			102	Bristol, Conn.	136	Daytona Beach, Fla.
27	Missouri	66	Amarillo, Tex.	103	Brockton, Mass.	137	Decatur, Ill.
28	Montana	67	Anaheim-Santa Ana-Garden Grove, Calif.	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
29	Nebraska			105	Bryan-College Station, Tex.	139	Des Moines, Iowa
30	Nevada	68	Anchorage, Alaska			140	Detroit, Mich.
31	New Hampshire	69	Anderson, Ind.	106	Buffalo, N.Y.	141	Dubuque, Iowa
32	New Jersey	70	Anderson, S.C.	107	Burlington, N.C.	142	Duluth-Superior, Minn. Wis.
33	New Mexico			108	Burlington, Vt.		
34	New York	71	Ann Arbor, Mich.	109	Caguas, P.R.	143	Eau Claire, Wis.
35	North Carolina	72	Anniston, Ala.	110	Canton, Ohio	144	El Paso, Tex.
36	North Dakota	73	Appleton-Oshkosh, Wis.			145	Elkhart, Ind.
37	Ohio	74	Arecibo, P.R.	111	Casper, Wyo.		
38	Oklahoma	75	Asheville, N.C.	112	Cedar Rapids, Iowa	146	Elmira, N.Y.
39	Oregon			113	Champaign-Urbana-Rantoul, Ill.	147	Enid, Okla.
40	Pennsylvania	76	Athens, Ga.				

# List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, Ky.-Ind.	265	Norfolk-Virginia Beach- Portsmouth, Va.-N.C.
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
166	Gadsden, Ala.	206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.	207	Lafayette-West Lafayette, Ind.	246	Modesto, Calif.	283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	247	Monroe, La.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	248	Montgomery, Ala.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	249	Muncie, Ind.		
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.			287	Pittsfield, Mass.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	288	Ponce, P.R.
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	289	Portland, Maine
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.			254	New Bedford, Mass.		
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.			294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
180	Harrisburg, Pa.	221	Lincoln, Nebr.			296	Racine, Wis.
		222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.			261	Newark, N.J.	299	Redding, Calif.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	262	Newark, Ohio	300	Reno, Nev.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.		
185	Huntington-Ashland, W. Va.-Ky.-Ohio			264	Newport News-Hampton, Va.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.			302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.



# List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.	356	Tulsa, Okla.	375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	357	Tuscaloosa, Ala.		
318	San Angelo, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	376	Worcester, Mass.
319	San Antonio, Tex.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	377	Yakima, Wash.
320	San Diego, Calif.	340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	378	York, Pa.
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			379	Youngstown-Warren, Ohio
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.	380	Yuba City, Calif.



## APPENDIXES

A. Area Classifications . . . . .	A-1
B. Definitions and Explanations of Subject Characteristics . . . . .	B-1
C. General Enumeration and Processing Procedures . . . . .	C-1
D. Accuracy of the Data . . . . .	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages . . . . .	E-1
F. Publication and Computer Tape Program . . . . .	F-1

## Introduction

GENERAL . . . . .	VII
CONTENTS OF THE REPORT . . . . .	VII
DERIVED FIGURES (Means, Medians, and Percents) . . . . .	VIII
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS . . . . .	VIII
SUPPRESSION OF DATA FOR CONFIDENTIALITY . . . . .	VIII

### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

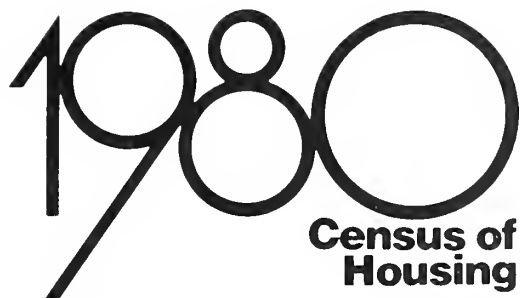
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

## KOKOMO, IND.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-204

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
<b>Index of Tables</b> —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
<b>List of Tables</b> —shows the table numbers and titles for each of the 68 tables . . . . .	X
<b>Table Finding Guide</b> —shows the tables in which the various subject cross-classifications presented in the report appear . . . . .	XII
<b>Map</b> —Standard Metropolitan Statistical Areas, Counties, and Selected Places . . . . .	XIV

### INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total . . . . .	A	1 to 12	—	—	—	—	—
Kokomo . . . . .	B	13 to 24	—	—	—	—	—

## LIST OF TABLES

(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

## TABLES

1. Value of Owner-Occupied Housing Units: 1980
2. Gross Rent of Renter-Occupied Housing Units: 1980
3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980
4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980
5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980
6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980
7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980
8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980
9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980
10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980
11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980
12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980
13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980
14. Value of Owner-Occupied Housing Units With a White Householder: 1980
15. Gross Rent of Renter-Occupied Housing Units With a White Householder: 1980
16. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a White Householder: 1980
17. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a White Householder: 1980

## TABLES

18. Selected Monthly Owner Costs for Mortgaged Housing Units With a White Householder: 1980
19. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a White Householder: 1980
20. Year Structure Built for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
21. Units in Structure for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
22. Owner- and Renter-Occupied Housing Units With a White Householder by Size of Household: 1980
23. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
24. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
25. Value of Owner-Occupied Housing Units With a Black Householder: 1980
26. Gross Rent of Renter-Occupied Housing Units With a Black Householder: 1980
27. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Black Householder: 1980
28. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Black Householder: 1980
29. Selected Monthly Owner Costs for Mortgaged Housing Units With a Black Householder: 1980
30. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Black Householder: 1980
31. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
32. Units in Structure for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
33. Owner- and Renter-Occupied Housing Units With a Black Householder by Size of Household: 1980
34. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
35. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980

TABLES

36. Value of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
37. Gross Rent of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
38. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
39. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
40. Selected Monthly Owner Costs for Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
41. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
42. Year Structure Built for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
43. Units in Structure for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
44. Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder by Size of Household: 1980
45. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
46. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
47. Value of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
48. Gross Rent of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
49. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
50. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
51. Selected Monthly Owner Costs for Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980

TABLES

52. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980
53. Year Structure Built for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
54. Units in Structure for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
55. Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder by Size of Household: 1980
56. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
57. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
58. Value of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
59. Gross Rent of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
60. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
61. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
62. Selected Monthly Owner Costs for Mortgaged Housing Units With a Spanish Origin Householder: 1980
63. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Spanish Origin Householder: 1980
64. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
65. Units in Structure for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
66. Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder by Size of Household: 1980
67. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
68. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980

# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.



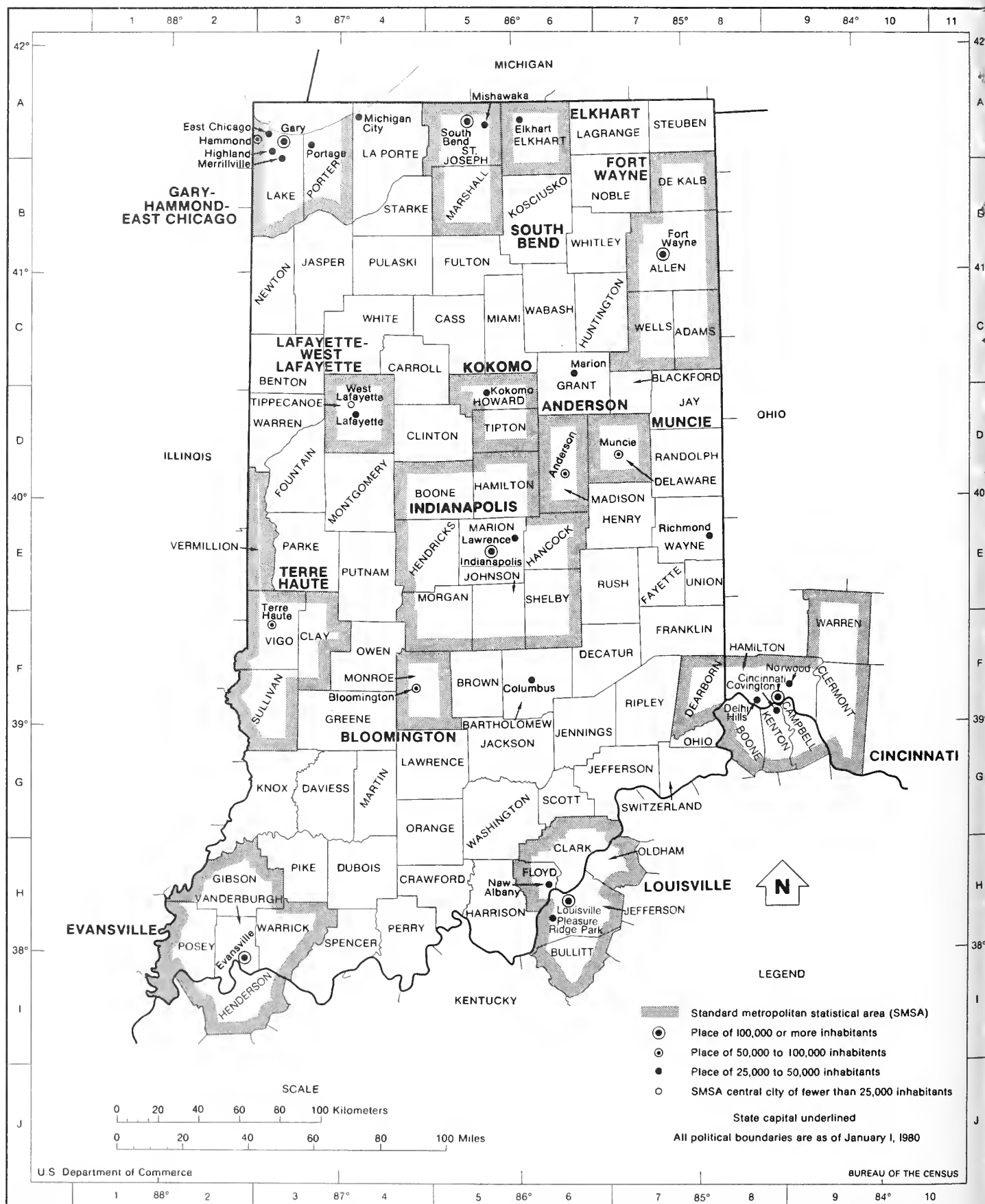
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit. . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit. . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built. . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning. . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel. . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked. . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked. . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income. . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income. . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

# Standard Metropolitan Statistical Areas, Counties, and Selected Places



#### CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

#### NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>22 569</b>	<b>446</b>	<b>2 673</b>	<b>4 689</b>	<b>4 463</b>	<b>3 395</b>	<b>2 316</b>	<b>3 051</b>	<b>1 004</b>	<b>452</b>	<b>80</b>	<b>37 500</b>	<b>42 600</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> -----	<b>17 241</b>	<b>217</b>	<b>1 620</b>	<b>3 201</b>	<b>3 343</b>	<b>2 807</b>	<b>1 977</b>	<b>2 670</b>	<b>907</b>	<b>423</b>	<b>76</b>	<b>40 800</b>	<b>45 400</b>
15 to 24 years -----	642	10	62	204	252	55	47	12	—	—	—	31 500	32 400
25 to 34 years -----	3 805	17	279	630	854	700	379	654	213	74	5	41 600	46 000
35 to 44 years -----	4 153	36	302	646	553	750	556	864	296	127	23	46 800	50 300
45 to 64 years -----	6 650	87	547	1 210	1 269	1 099	836	1 003	373	186	40	41 800	46 600
65 years and over -----	1 991	67	430	511	415	203	159	137	25	36	8	29 500	34 500
<b>Male householder, no wife present</b> -----	<b>1 325</b>	<b>55</b>	<b>286</b>	<b>311</b>	<b>289</b>	<b>175</b>	<b>66</b>	<b>115</b>	<b>21</b>	<b>5</b>	<b>2</b>	<b>30 400</b>	<b>34 100</b>
15 to 24 years -----	51	1	17	13	14	2	2	—	—	—	—	25 500	27 400
25 to 34 years -----	293	5	42	55	79	74	4	31	3	—	—	35 900	36 900
35 to 44 years -----	289	2	41	105	54	29	24	27	7	—	—	29 700	35 100
45 to 64 years -----	438	13	129	68	104	34	28	44	11	5	2	31 000	36 000
65 years and over -----	254	34	57	70	38	36	8	11	—	—	—	23 300	27 700
<b>Female householder, no husband present</b> -----	<b>4 003</b>	<b>174</b>	<b>767</b>	<b>1 177</b>	<b>831</b>	<b>413</b>	<b>273</b>	<b>266</b>	<b>76</b>	<b>24</b>	<b>2</b>	<b>28 800</b>	<b>33 200</b>
15 to 24 years -----	55	—	10	19	13	8	5	—	—	—	—	26 900	30 800
25 to 34 years -----	464	—	47	148	114	60	41	25	24	5	—	32 500	38 400
35 to 44 years -----	457	7	75	140	100	56	18	52	—	7	2	30 900	37 100
45 to 64 years -----	1 343	84	203	326	322	138	128	112	24	6	—	31 700	34 500
65 years and over -----	1 684	83	432	544	282	151	81	77	28	6	—	25 700	29 700
<b>Median age</b> -----	<b>47.4</b>	<b>62.7</b>	<b>55.9</b>	<b>50.3</b>	<b>47.4</b>	<b>44.5</b>	<b>46.3</b>	<b>43.2</b>	<b>43.8</b>	<b>45.8</b>	<b>48.1</b>	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 -----	2 187	23	174	391	417	361	231	312	163	98	17	42 200	48 500
1975 to 1978 -----	5 734	82	477	1 011	1 133	896	641	990	327	153	24	41 600	46 800
1970 to 1974 -----	4 289	75	474	708	864	683	433	694	278	73	7	40 300	44 900
1960 to 1969 -----	5 483	81	593	1 119	1 009	909	701	789	167	91	24	39 200	42 900
1959 or earlier -----	4 876	185	955	1 460	1 040	546	310	266	69	37	8	28 400	32 600
<b>ROOMS</b>													
1 to 3 rooms -----	143	28	63	28	5	9	6	2	2	—	—	16 600	21 300
4 rooms -----	1 996	137	706	652	288	124	50	32	7	—	—	21 700	24 100
5 rooms -----	6 916	193	1 055	2 125	1 796	902	505	270	47	15	8	30 400	32 700
6 rooms -----	6 288	45	473	1 174	1 494	1 215	876	844	106	53	8	39 700	42 300
7 rooms -----	3 774	18	239	465	484	676	559	989	261	69	14	50 100	51 800
8 or more rooms -----	3 452	25	137	245	396	469	320	914	581	315	50	63 000	64 600
<b>Median</b> -----	<b>5.9</b>	<b>4.8</b>	<b>5.0</b>	<b>5.3</b>	<b>5.6</b>	<b>6.0</b>	<b>6.2</b>	<b>6.9</b>	<b>7.8</b>	<b>8.5</b>	<b>8.5+</b>	...	...
<b>BEDROOMS</b>													
None -----	7	—	2	—	—	5	—	—	—	—	—	41 500	33 900
1 -----	469	18	169	163	46	15	39	9	2	—	8	22 100	29 000
2 -----	6 082	263	1 394	1 817	1 286	677	322	258	44	21	—	26 900	30 200
3 -----	12 402	128	882	2 343	2 628	2 117	1 562	2 016	509	188	29	41 000	44 800
4 -----	3 219	30	197	332	460	513	371	678	381	218	39	51 700	57 500
5 or more -----	390	7	29	34	43	68	22	90	68	25	4	56 900	59 100
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 -----	1 756	—	17	41	144	146	221	653	333	178	23	69 000	71 000
1970 to 1974 -----	1 966	16	50	72	364	295	245	591	235	83	15	57 500	59 800
1960 to 1969 -----	5 466	31	159	678	1 007	1 202	982	1 038	227	115	27	47 000	49 900
1950 to 1959 -----	4 167	31	384	1 156	1 072	663	357	391	68	43	2	34 200	38 300
1940 to 1949 -----	1 881	58	389	570	399	241	119	87	18	—	—	28 100	31 500
1939 or earlier -----	7 333	310	1 674	2 172	1 477	848	392	291	123	33	13	26 900	31 100
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 -----	1 583	155	445	460	209	145	71	61	19	18	—	24 100	28 500
\$5,000 to \$9,999 -----	2 352	117	611	705	451	229	112	100	19	2	6	26 000	29 400
\$10,000 to \$12,999 -----	1 215	32	209	360	257	193	93	63	—	8	—	30 200	33 100
\$12,500 to \$14,999 -----	1 168	32	227	334	322	117	65	39	17	15	—	29 300	32 300
\$15,000 to \$19,999 -----	3 202	72	466	854	792	375	332	236	66	6	3	32 400	35 700
\$20,000 to \$24,999 -----	3 228	16	257	799	849	532	323	355	71	19	7	35 600	40 000
\$25,000 to \$34,999 -----	5 083	22	315	761	985	1 071	752	920	186	58	13	43 900	46 400
\$35,000 to \$49,999 -----	3 699	—	103	342	530	615	475	1 000	474	150	10	55 100	57 600
\$50,000 or more -----	1 039	—	40	74	68	118	93	277	152	176	41	69 900	74 100
<b>Median</b> -----	<b>\$22 544</b>	<b>\$8 115</b>	<b>\$13 287</b>	<b>\$17 877</b>	<b>\$21 057</b>	<b>\$25 835</b>	<b>\$26 667</b>	<b>\$32 148</b>	<b>\$39 360</b>	<b>\$43 838</b>	<b>\$51 467</b>	...	...
<b>Mean</b> -----	<b>\$24 316</b>	<b>\$9 922</b>	<b>\$15 199</b>	<b>\$18 747</b>	<b>\$22 030</b>	<b>\$26 086</b>	<b>\$27 119</b>	<b>\$32 698</b>	<b>\$38 348</b>	<b>\$51 495</b>	<b>\$57 459</b>	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b> -----	<b>15 691</b>	<b>153</b>	<b>1 342</b>	<b>2 885</b>	<b>3 253</b>	<b>2 568</b>	<b>1 695</b>	<b>2 519</b>	<b>864</b>	<b>361</b>	<b>51</b>	<b>40 700</b>	<b>45 800</b>
Less than 15 percent -----	7 572	56	608	1 452	1 547	1 301	816	1 197	406	174	15	40 700	45 500
15 to 19 percent -----	3 266	19	229	550	697	479	392	610	208	68	14	42 800	47 800
20 to 24 percent -----	1 832	30	115	329	436	304	214	269	89	46	—	40 200	45 100
25 to 29 percent -----	1 015	9	97	142	223	169	98	180	55	32	10	42 300	47 800
30 to 34 percent -----	590	4	61	132	111	97	57	86	25	8	9	38 400	45 300
35 percent or more -----	1 363	35	224	262	235	218	113	159	81	33	3	36 600	42 200
Not computed -----	53	—	8	18	4	—	5	18	—	—	—	35 600	41 100
<b>Median</b> -----	<b>15.4</b>	<b>20.2</b>	<b>16.3</b>	<b>14.9</b>	<b>15.6</b>	<b>14.9</b>	<b>15.4</b>	<b>15.4</b>	<b>15.6</b>	<b>15.5</b>	<b>18.8</b>	...	...
<b>Not mortgaged</b> -----	<b>6 878</b>	<b>293</b>	<b>1 331</b>	<b>1 804</b>	<b>1 210</b>	<b>827</b>	<b>621</b>	<b>532</b>	<b>140</b>	<b>91</b>	<b>29</b>	<b>30 100</b>	<b>35 400</b>
Less than 10 percent -----	3 335	60	459	779	596	497	386	359	102	79	18	34 800	40 900
10 to 14 percent -----	1 293	62	283	340	245	141	107	90	20	—	5	27 200	32 700
15 to 19 percent -----	776	20	229	254	119	57	63	28	—	6	—	25 000	29 100
20 to 24 percent -----	398	22	123	101	100	27	10	15	—	—	—	27 000	27 100
25 to 29 percent -----	293	29	70	119	19	35	13	8	—	—	—	23 500	25 600
30 to 34 percent -----	231	17	50	64	39	29	18	14	—	—	—	27 300	30 400
35 percent or more -----	511	74	111	136	92	33	17	18	18	6	6	24 000	31 000
Not computed -----	41	9	6	11	—	8	7	—	—	—	—	22 300	29 800
<b>Median</b> -----	<b>10.3</b>	<b>20.0</b>	<b>13.6</b>	<b>11.7</b>	<b>10.2</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	...	...
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b> -----	<b>22 509</b>	<b>427</b>	<b>2 651</b>	<b>4 674</b>	<b>4 463</b>	<b>3 395</b>	<b>2 314</b>	<b>3 051</b>	<b>1 002</b>	<b>452</b>	<b>80</b>	<b>37 600</b>	<b>42 700</b>
1.01 or more persons per room -----	410	4	108	139	59	58	30	12	4	—	—	25 700	29 600
<b>Lacking complete plumbing for exclusive use</b> -----	<b>60</b>	<b>19</b>	<b>22</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>13 200</b>	<b>18 400</b>
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b> -----	<b>22 569</b>	<b>446</b>	<b>2 673</b>	<b>4 689</b>	<b>4 463</b>	<b>3 395</b>	<b>2 316</b>	<b>3 051</b>	<b>1 004</b>	<b>452</b>	<b>80</b>	<b>37 500</b>	<b>42 600</b>
Central heating system -----	21 044	176	2 174	4 324	4 320	3 295	2 247	2 991	988	449	80	38 800	43 900
<b>Air conditioning</b> -----	<b>14 461</b>	<b>43</b>	<b>1 096</b>	<b>2 548</b>	<b>3 086</b>	<b>2 290</b>	<b>1 651</b>	<b>2 413</b>	<b>871</b>	<b>393</b>	<b>70</b>	<b>41 700</b>	<b>47 200</b>
Central system -----	7 216	20	222	670	1 191	1 178	1 007	1 784	722	357	65	52 900	57 100
<b>Income in 1979 below poverty level</b> -----	<b>1 216</b>	<b>132</b>	<b>328</b>	<b>326</b>	<b>170</b>	<b>84</b>	<b>64</b>	<b>68</b>	<b>27</b>	<b>15</b>	<b>2</b>	<b>24 500</b>	<b>30 200</b>
Percent below poverty level -----	5.4	29.6	12.3	7									

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units</b> .....	<b>8 545</b>	<b>550</b>	<b>822</b>	<b>1 597</b>	<b>2 090</b>	<b>1 750</b>	<b>784</b>	<b>306</b>	<b>160</b>	<b>19</b>	<b>467</b>	<b>223</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>3 268</b>	<b>35</b>	<b>170</b>	<b>520</b>	<b>796</b>	<b>751</b>	<b>408</b>	<b>186</b>	<b>121</b>	<b>13</b>	<b>268</b>	<b>249</b>
15 to 24 years.....	906	17	46	238	256	186	70	27	5	—	61	221
25 to 34 years.....	1 166	—	27	161	272	333	170	102	47	—	54	263
35 to 44 years.....	432	—	8	40	102	108	64	38	39	6	27	270
45 to 64 years.....	500	6	33	54	79	88	93	13	30	7	97	261
65 years and over.....	264	12	56	27	87	36	11	6	—	—	29	210
<b>Male householder, no wife present</b> .....	<b>1 882</b>	<b>121</b>	<b>194</b>	<b>453</b>	<b>466</b>	<b>434</b>	<b>97</b>	<b>38</b>	<b>22</b>	<b>6</b>	<b>51</b>	<b>215</b>
15 to 24 years.....	419	20	32	117	96	135	14	—	3	—	2	217
25 to 34 years.....	660	18	34	179	196	147	51	9	9	6	11	223
35 to 44 years.....	324	13	14	61	110	81	21	22	—	—	2	233
45 to 64 years.....	273	25	41	63	44	57	11	7	10	—	15	195
65 years and over.....	206	45	73	33	20	14	—	—	—	—	21	141
<b>Female householder, no husband present</b> .....	<b>3 395</b>	<b>394</b>	<b>458</b>	<b>624</b>	<b>828</b>	<b>565</b>	<b>279</b>	<b>82</b>	<b>17</b>	<b>—</b>	<b>148</b>	<b>207</b>
15 to 24 years.....	678	31	96	144	205	108	46	24	—	—	24	212
25 to 34 years.....	882	64	53	145	279	187	105	31	4	—	14	224
35 to 44 years.....	446	28	53	75	136	74	59	21	—	—	—	219
45 to 64 years.....	568	61	75	123	109	123	42	—	13	—	22	204
65 years and over.....	821	210	181	137	99	73	27	6	—	—	88	142
<b>Median age</b> .....	<b>33.1</b>	<b>63.8</b>	<b>53.0</b>	<b>29.8</b>	<b>30.6</b>	<b>31.5</b>	<b>33.1</b>	<b>31.7</b>	<b>36.7</b>	<b>37.9</b>	<b>51.5</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	4 439	273	290	902	1 110	998	454	214	116	19	63	230
1975 to 1978.....	2 732	131	265	446	685	641	269	89	37	—	169	231
1970 to 1974.....	834	95	132	145	255	79	40	3	7	—	78	201
1960 to 1969.....	340	48	83	79	30	26	13	—	—	—	61	161
1959 or earlier.....	200	3	52	25	10	6	—	—	—	—	96	148
<b>ROOMS</b>												
1 room.....	147	19	64	20	28	7	7	—	—	—	2	146
2 rooms.....	657	104	80	162	221	86	3	—	—	—	1	191
3 rooms.....	1 829	245	348	680	266	229	7	6	—	7	41	170
4 rooms.....	2 451	65	205	301	738	626	309	78	23	—	106	239
5 rooms.....	2 014	98	112	314	512	434	260	124	47	—	113	242
6 rooms.....	912	—	9	96	195	275	126	32	55	—	105	266
7 or more rooms.....	535	—	4	24	130	93	72	66	35	12	99	275
<b>Median</b> .....	<b>4.2</b>	<b>3.1</b>	<b>3.3</b>	<b>3.4</b>	<b>4.2</b>	<b>4.4</b>	<b>4.8</b>	<b>5.1</b>	<b>5.7</b>	<b>7.7</b>	<b>5.2</b>	<b>...</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979</b>												
<b>Complete plumbing for exclusive use</b> .....	<b>8 545</b>	<b>550</b>	<b>822</b>	<b>1 597</b>	<b>2 090</b>	<b>1 750</b>	<b>784</b>	<b>306</b>	<b>160</b>	<b>19</b>	<b>467</b>	<b>223</b>
0.50 or less.....	8 406	529	764	1 556	2 090	1 737	784	306	160	19	461	224
0.51 to 1.00.....	5 122	386	529	936	1 246	1 047	396	161	59	—	362	220
1.01 to 1.50.....	3 005	126	211	543	797	628	366	132	91	19	92	234
1.51 or more.....	247	17	24	62	42	50	22	13	10	—	7	216
Lacking complete plumbing for exclusive use.....	32	—	—	15	5	12	—	—	—	—	—	205
0.50 or less.....	139	21	58	41	—	13	—	—	—	—	6	133
0.51 to 1.00.....	65	11	27	10	—	13	—	—	—	—	4	141
1.01 to 1.50.....	60	10	31	17	—	—	—	—	—	—	2	113
1.51 or more.....	14	—	—	14	—	—	—	—	—	—	—	171
<b>Income in 1979 below poverty level</b> .....	<b>1 630</b>	<b>309</b>	<b>244</b>	<b>326</b>	<b>312</b>	<b>197</b>	<b>145</b>	<b>—</b>	<b>8</b>	<b>7</b>	<b>82</b>	<b>176</b>
Complete plumbing for exclusive use.....	1 555	293	217	295	312	197	145	—	8	7	81	179
1.01 or more persons per room.....	100	17	—	33	21	20	4	—	—	—	5	184
Lacking complete plumbing for exclusive use.....	75	16	27	31	—	—	—	—	—	—	1	111
1.01 or more persons per room.....	14	—	—	14	—	—	—	—	—	—	—	171
<b>BEDROOMS</b>												
None.....	230	27	80	67	40	7	7	—	—	—	2	152
1.....	2 728	368	469	884	538	350	35	11	9	7	57	176
2.....	3 688	99	212	509	1 036	970	453	132	46	—	231	243
3.....	1 547	56	55	131	399	359	227	127	79	12	102	261
4.....	295	—	5	6	62	53	50	36	23	—	60	294
5 or more.....	57	—	1	—	15	11	12	—	3	—	15	281
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	3 473	41	166	506	832	775	433	197	127	12	384	250
2.....	885	35	112	266	232	136	46	29	4	—	25	203
3 and 4.....	1 187	88	201	435	203	160	56	18	—	7	19	178
5 to 9.....	942	102	108	146	311	156	79	21	12	—	7	213
10 to 49.....	1 231	160	184	161	235	302	124	35	17	—	13	226
50 or more.....	500	115	25	7	167	154	26	6	—	—	—	236
Mobile home or trailer, etc.....	327	9	26	76	110	67	20	—	—	—	19	227
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	784	118	104	71	133	127	124	61	18	—	28	233
1970 to 1974.....	1 035	95	69	73	367	267	89	59	8	—	8	238
1960 to 1969.....	1 641	7	67	175	463	501	228	81	59	12	48	257
1950 to 1959.....	1 085	14	70	205	287	272	131	22	28	—	56	233
1940 to 1949.....	974	107	87	242	220	160	59	28	9	—	62	204
1939 or earlier.....	3 026	209	425	831	620	423	153	55	38	7	265	193
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	8 430	464	804	1 597	2 082	1 747	784	306	160	19	467	224
4 or more.....	115	86	18	—	8	3	—	—	—	—	—	58
With elevator.....	104	86	18	—	—	—	—	—	—	—	—	56
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	1 816	133	229	428	473	370	92	53	38	—	...	210
15 to 19 percent.....	1 539	101	98	290	435	377	164	58	16	—	...	231
20 to 24 percent.....	1 199	96	95	198	259	292	127	80	46	6	...	240
25 to 29 percent.....	646	70	55	124	167	116	49	50	9	6	...	222
30 to 34 percent.....	561	41	37	67	146	174	62	16	18	—	...	245
35 to 49 percent.....	963	25	136	176	252	209	118	31	16	—	...	222
50 percent or more.....	1 254	66	160	296	339	207	144	18	17	7	...	217
Not computed.....	567	18	12	18	19	5	28	—	—	—	467	210
<b>Median</b> .....	<b>22.6</b>	<b>21.7</b>	<b>24.1</b>	<b>21.8</b>	<b>22.5</b>	<b>22.1</b>	<b>24.8</b>	<b>22.6</b>	<b>22.8</b>	<b>27.9</b>	<b>...</b>	<b>...</b>
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>8 538</b>	<b>550</b>	<b>822</b>	<b>1 590</b>	<b>2 090</b>	<b>1 750</b>	<b>784</b>	<b>306</b>	<b>160</b>	<b>19</b>	<b>467</b>	<b>223</b>
Central heating system.....	7 546	494	620	1 310	1 880	1 627	738	302	160	12	403	228
<b>Air conditioning</b> .....	<b>4 349</b>	<b>236</b>	<b>339</b>	<b>512</b>	<b>1 130</b>	<b>1 051</b>	<b>520</b>	<b>173</b>	<b>99</b>	<b>19</b>	<b>270</b>	<b>242</b>
Central system.....	2 067	125	169	134	507	493	329	116	82	19	93	255

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	27 641	2 056	3 087	1 606	1 542	3 994	3 880	5 945	4 265	1 266	21 788	23 762	1 631
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	20 596	498	1 531	990	1 044	2 878	3 168	5 309	3 997	1 181	25 304	27 051	576
15 to 24 years	882	10	73	89	91	265	177	133	44	—	18 274	19 217	31
25 to 34 years	4 444	77	164	148	227	862	994	1 206	674	92	23 580	25 165	106
35 to 44 years	4 671	53	69	90	135	417	734	1 554	1 295	324	29 991	31 324	76
45 to 64 years	8 019	224	403	296	299	984	1 033	2 227	1 875	708	28 038	29 962	273
65 years and over	2 580	134	822	367	292	350	260	189	109	57	12 275	16 197	90
Male householder, no wife present	1 943	240	291	126	137	375	306	296	143	29	17 133	18 608	145
15 to 24 years	124	25	10	28	17	19	9	9	7	—	12 411	14 314	20
25 to 34 years	398	14	25	5	36	108	120	61	27	2	20 344	20 618	7
35 to 44 years	368	15	19	12	25	92	89	79	30	7	20 955	22 310	15
45 to 64 years	623	60	88	54	27	118	76	125	63	12	18 613	20 908	46
65 years and over	430	126	149	27	32	38	12	22	16	8	7 500	11 488	57
Female householder, no husband present	5 102	1 318	1 265	490	361	741	406	340	125	56	9 855	12 448	910
15 to 24 years	97	32	29	8	9	13	—	6	—	—	7 426	9 282	40
25 to 34 years	574	65	64	72	32	161	85	62	30	3	16 929	16 723	76
35 to 44 years	590	58	93	68	54	116	90	74	37	—	16 279	16 699	88
45 to 64 years	1 660	317	338	177	125	312	178	149	43	21	12 472	14 232	282
65 years and over	2 181	846	741	165	141	139	53	49	15	32	6 415	8 956	424
Median age	48.2	66.6	66.7	59.9	54.7	43.7	39.9	43.7	44.9	49.9	...	...	58.7
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	2 822	187	214	219	176	452	452	623	370	129	21 310	23 583	217
1975 to 1978	7 083	296	537	348	306	1 347	1 201	1 623	1 146	279	22 765	24 890	296
1970 to 1974	5 119	209	438	228	311	710	717	1 221	1 043	242	24 607	26 155	194
1960 to 1969	6 403	488	654	267	241	802	830	1 608	1 212	301	24 423	25 394	392
1959 or earlier	6 214	876	1 244	544	508	683	680	870	494	315	14 680	18 906	532
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	27 541	2 013	3 057	1 600	1 537	3 987	3 876	5 940	4 265	1 266	21 839	23 817	1 608
1.01 or more persons per room	474	41	34	13	17	89	56	97	100	27	23 952	25 476	61
Lacking complete plumbing for exclusive use	100	43	30	6	5	7	4	5	—	—	7 604	8 793	23
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	27 641	2 056	3 087	1 606	1 542	3 994	3 880	5 945	4 265	1 266	21 788	23 762	1 631
Central heating system	25 640	1 597	2 691	1 441	1 416	3 725	3 696	5 686	4 150	1 238	22 393	24 421	1 293
Air conditioning	17 284	849	1 499	838	845	2 421	2 423	4 084	3 232	1 093	24 459	26 400	663
Central system	8 545	328	604	336	284	1 101	918	2 139	2 073	762	27 498	29 565	304
Vehicles available	26 337	1 426	2 585	1 573	1 517	3 922	3 871	5 916	4 265	1 262	22 508	24 604	1 249
1	7 685	955	1 645	889	750	1 430	887	818	252	59	13 678	15 247	689
2 or more	18 652	471	940	684	767	2 492	2 984	5 098	4 013	1 203	26 678	28 459	560
House heating fuel	27 641	2 056	3 087	1 606	1 542	3 994	3 880	5 945	4 265	1 266	21 788	23 762	1 631
Utility gas	20 409	1 595	2 415	1 257	1 143	3 029	2 916	4 218	2 913	923	21 178	23 254	1 244
Bottled, tank, or LP gas	1 131	90	143	55	82	166	147	270	156	22	20 934	22 084	59
Electricity	4 053	162	239	174	208	493	515	1 039	984	239	26 918	27 897	175
Fuel oil, kerosene, etc.	1 825	178	280	112	97	256	258	387	181	76	19 764	21 519	135
Other	223	31	10	8	12	50	44	31	31	6	20 040	22 002	18
Median rooms	5.8	5.0	5.1	5.3	5.3	5.4	5.8	6.2	6.5	7.2	...	...	5.1
Specified owner-occupied housing units	22 569	1 583	2 352	1 215	1 168	3 202	3 228	5 083	3 699	1 039	22 544	24 316	1 216
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	15 691	553	928	642	645	2 289	2 501	4 211	3 157	765	25 576	26 935	565
Less than \$200	2 399	182	388	150	190	348	336	480	310	15	19 005	20 028	155
\$200 to \$249	2 957	90	227	174	152	541	514	722	416	121	22 861	24 540	83
\$250 to \$299	2 741	102	145	121	102	459	474	781	513	44	24 429	25 208	121
\$300 to \$349	2 154	64	81	78	89	311	395	647	373	116	25 698	27 073	72
\$350 to \$399	1 568	44	28	44	40	245	320	445	336	66	25 773	28 166	44
\$400 to \$499	2 158	60	31	44	50	256	307	691	589	130	29 094	30 048	71
\$500 to \$599	912	5	16	19	11	79	94	231	388	69	34 719	34 105	13
\$600 to \$749	593	4	12	12	11	45	57	154	171	127	31 961	39 135	4
\$750 or more	209	2	—	—	—	5	4	60	61	77	33 596	54 053	2
Median	\$295	\$252	\$217	\$249	\$244	\$278	\$292	\$309	\$346	\$413	...	...	\$268
Not mortgaged	6 878	1 030	1 424	573	523	913	727	872	542	274	14 469	18 341	651
Less than \$50	41	36	5	—	—	—	—	—	—	—	3 708	3 748	14
\$50 to \$74	395	190	100	36	24	18	22	5	—	—	5 298	7 497	119
\$75 to \$99	1 551	281	533	118	90	217	139	126	36	11	9 640	13 099	133
\$100 to \$124	2 192	274	459	191	231	323	250	284	126	54	14 361	17 172	198
\$125 to \$149	1 294	137	140	150	89	208	172	215	139	44	18 036	20 515	92
\$150 to \$199	1 059	88	142	65	70	126	130	169	184	85	21 782	24 316	73
\$200 to \$249	228	17	7	7	7	14	14	71	50	41	31 372	37 624	15
\$250 or more	118	7	38	6	12	7	—	2	7	39	14 167	35 574	7
Median	\$117	\$101	\$104	\$117	\$116	\$117	\$120	\$127	\$145	\$166	...	...	\$108
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	15 691	553	928	642	645	2 289	2 501	4 211	3 157	765	25 576	26 935	565
Less than 15 percent	7 572	—	19	33	89	531	1 041	2 681	2 473	705	32 361	34 622	—
15 to 19 percent	3 266	—	29	70	204	670	747	946	540	60	24 345	25 952	2
20 to 24 percent	1 832	2	128	160	128	499	436	387	92	—	19 990	20 632	4
25 to 29 percent	1 015	—	154	133	86	301	179	135	27	—	17 026	17 648	—
30 to 34 percent	590	1	157	93	66	168	51	43	11	—	14 167	14 929	17
35 percent or more	1 363	497	441	153	72	120	47	19	14	—	6 760	8 322	489
Not computed	53	53	—	—	—	—	—	—	—	—	2500—	—2 564	53
Median	15.4	50+	34.3	27.2	21.2	19.6	16.4	13.3	10.9	10—	...	...	50+
Not mortgaged	6 878	1 030	1 424	573	523	913	727	872	542	274	14 469	18 341	651
Less than 10 percent	3 335	—	15	93	206	672	676	857	542	274	25 048	29 188	13
10 to 14 percent	1 293	8	417	334	252	216	51	15	—	—	11 658	12 188	8
15 to 19 percent	776	69	506	127	51	23	—	—	—	—	7 976	8 294	21
20 to 24 percent	398	127	251	13	7	—	—	—	—	—	6 006	6 170	62
25 to 29 percent	293	155	136	—	—	2	—	—	—	—	4 859	5 178	54
30 to 34 percent	231	169	49	6	7	—	—	—	—	—	4 090	4 722	63
35 percent or more	511	461	50	—	—	—	—	—	—	—	3 293	3 088	389
Not computed	41	41	—	—	—	—	—	—	—	—	2500—	—795	41
Median	10.3	34.0	17.8	12.9	11.1	10—	10—	10—	10—	10—	...	...	42.0

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The SMSA	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
Renter-occupied housing units	9 402	1 832	2 080	1 072	824	1 443	1 074	757	230	90	11 840	13 804	1 703	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	3 903	237	693	533	322	754	627	518	160	59	16 261	17 785	377	
15 to 24 years	991	72	299	176	125	175	103	26	9	6	11 768	13 217	142	
25 to 34 years	1 360	59	153	179	108	367	283	186	20	5	17 807	17 856	102	
35 to 44 years	577	40	51	75	27	64	112	140	57	11	21 250	21 407	61	
45 to 64 years	664	27	88	69	43	90	94	150	69	34	20 721	23 155	52	
65 years and over	311	39	102	34	19	58	35	16	5	3	11 066	13 841	20	
Male householder, no wife present	1 996	309	395	246	191	338	285	170	35	27	13 128	14 548	227	
15 to 24 years	430	78	103	73	54	42	45	23	12	—	11 164	12 252	80	
25 to 34 years	707	64	94	96	75	157	146	58	17	—	15 928	15 750	45	
35 to 44 years	331	53	18	22	46	71	54	53	1	13	16 656	17 426	44	
45 to 64 years	307	29	68	46	2	67	40	36	5	14	15 885	17 766	27	
65 years and over	221	85	112	9	14	1	—	—	—	—	5 861	6 393	31	
Female householder, no husband present	3 503	1 286	992	293	311	351	162	69	35	4	7 112	8 945	1 099	
15 to 24 years	685	273	235	66	41	40	11	19	—	—	6 347	7 388	294	
25 to 34 years	893	201	202	116	138	131	61	22	18	4	10 938	11 352	233	
35 to 44 years	448	70	138	47	61	84	18	19	11	—	10 851	12 235	91	
45 to 64 years	603	242	129	50	50	72	47	9	4	—	7 439	9 354	184	
65 years and over	874	500	288	14	21	24	25	—	2	—	4 559	5 736	297	
Median age	33.6	45.8	33.9	29.8	30.5	31.7	32.6	36.8	39.1	46.2	...	...	33.4	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	4 632	980	1 141	514	411	732	479	280	81	14	10 948	12 501	1 033	
1975 to 1978	3 012	461	568	375	258	532	400	306	74	38	13 488	15 128	379	
1970 to 1974	963	195	193	124	111	99	131	84	23	3	11 885	13 673	155	
1960 to 1969	454	117	90	43	35	30	40	52	37	10	11 163	16 147	67	
1959 or earlier	341	79	88	16	9	50	24	35	15	25	10 547	17 069	69	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	9 250	1 745	2 048	1 067	815	1 441	1 059	757	228	90	11 949	13 912	1 627	
0.50 or less	5 655	1 249	1 338	570	490	813	620	383	124	68	11 055	13 214	872	
0.51 to 1.00	3 304	422	689	460	306	572	410	338	85	22	13 162	14 998	653	
1.01 to 1.50	259	55	21	37	12	56	28	31	19	—	15 433	15 650	83	
1.51 or more	32	19	—	—	7	—	1	5	—	—	4 464	11 030	19	
Lacking complete plumbing for exclusive use	152	87	32	5	9	2	15	—	2	—	4 563	7 242	76	
0.50 or less	71	32	14	—	6	2	15	—	2	—	7 188	10 664	21	
0.51 to 1.00	67	41	18	5	3	—	—	—	—	—	4 375	4 721	41	
1.01 to 1.50	14	14	—	—	—	—	—	—	—	—	2500—	1 961	14	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
SELECTED CHARACTERISTICS														
Heating equipment	9 395	1 832	2 080	1 065	824	1 443	1 074	757	230	90	11 844	13 807	1 703	
Central heating system	8 115	1 551	1 759	924	695	1 252	944	698	209	83	12 022	14 067	1 416	
Air conditioning	4 677	755	1 063	505	367	798	605	413	120	51	12 606	14 597	629	
Central system	2 140	335	502	273	153	361	247	191	50	28	12 134	14 553	250	
Vehicles available	7 988	946	1 711	1 025	777	1 429	1 035	750	230	85	13 504	15 239	994	
1	4 744	819	1 335	663	440	773	479	180	36	19	10 822	12 013	764	
2 or more	3 244	127	376	362	337	656	556	570	194	66	18 309	19 956	230	
House heating fuel	9 395	1 832	2 080	1 065	824	1 443	1 074	757	230	90	11 844	13 807	1 703	
Utility gas	6 306	1 272	1 467	746	561	893	686	492	145	44	11 387	13 357	1 248	
Bottled, tank, or LP gas	417	56	72	37	42	62	58	54	22	14	15 139	17 342	59	
Electricity	2 008	426	398	204	152	417	221	133	38	19	12 206	13 598	318	
Fuel oil, kerosene, etc.	556	51	117	63	59	64	96	68	25	13	14 492	17 350	52	
Other	108	27	26	15	10	7	13	10	—	—	10 167	12 081	26	
Median rooms	4.3	3.5	4.0	4.4	4.3	4.5	4.9	5.3	5.6	5.9	...	...	3.9	
Specified renter-occupied housing units														
8 545	1 776	1 899	985	735	1 332	953	630	183	52	11 516	13 260	1 630		
CONTRACT RENT														
Less than \$100	1 053	562	216	89	59	25	47	49	6	—	4 743	7 462	479	
\$100 to \$149	1 785	352	482	230	165	238	215	83	18	2	10 636	12 169	307	
\$150 to \$199	2 539	439	627	304	295	418	238	157	50	11	11 674	12 975	441	
\$200 to \$249	1 955	291	415	226	132	394	268	190	32	7	13 362	14 389	309	
\$250 to \$299	581	29	47	80	56	164	110	61	22	12	17 651	18 759	12	
\$300 to \$349	108	—	5	—	—	17	34	19	21	12	24 545	32 363	—	
\$350 to \$399	45	—	9	—	—	6	4	11	12	3	26 458	26 936	—	
\$400 to \$499	6	—	—	—	—	—	—	6	—	—	26 250	27 110	—	
\$500 or more	6	—	—	—	—	—	—	6	—	—	30 468	30 725	—	
No cash rent	467	103	98	56	28	70	37	48	22	5	11 451	14 355	82	
Median	\$170	\$137	\$163	\$174	\$169	\$194	\$184	\$201	\$210	\$265	...	...	\$148	
GROSS RENT														
Less than \$100	550	377	119	37	7	—	6	4	—	—	3 919	4 628	309	
\$100 to \$149	822	331	250	55	69	40	39	38	—	—	6 389	8 451	244	
\$150 to \$199	1 597	409	393	233	150	210	146	41	15	—	9 961	10 835	326	
\$200 to \$249	2 090	314	521	247	258	343	225	132	43	7	12 126	13 247	312	
\$250 to \$299	1 750	98	366	232	157	410	272	164	41	10	15 281	16 008	197	
\$300 to \$349	784	126	120	100	43	131	129	116	13	6	15 150	15 819	145	
\$350 to \$399	306	3	23	18	14	101	66	46	26	9	19 750	22 683	—	
\$400 to \$499	160	8	9	7	9	27	33	29	23	15	22 969	27 502	8	
\$500 or more	19	7	—	—	—	—	—	12	—	—	26 042	19 183	7	
No cash rent	467	103	98	56	28	70	37	48	22	5	11 451	14 355	82	
Median	\$223	\$166	\$211	\$225	\$221	\$255	\$256	\$273	\$264	\$353	...	...	\$176	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	1 816	13	72	74	124	299	556	470	161	47	22 342	24 362	32	
15 to 19 percent	1 539	60	121	174	260	566	271	87	—	—	16 436	16 163	63	
20 to 24 percent	1 199	84	228	236	242	301	89	19	—	—	13 032	12 948	60	
25 to 29 percent	646	70	258	189	52	71	—	6	—	—	9 932	10 135	47	
30 to 34 percent	561	69	271	181	15	25	—	—	—	—	9 241	8 981	32	
35 to 49 percent	963	258	616	75	14	—	—	—	—	—	6 552	6 759	211	
50 percent or more	1 254	1 019	235	—	—	—	—	—	—	—	3 012	3 152	1 003	
Not computed	567	203	98	56	28	70	37	48	22	5	8 906	11 679	182	
Median	22.6	50+	34.1	24.6	19.4	17.9	13.9	11.7	10—	10—	...	...	50+	



Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	15 691	2 399	2 957	2 741	2 154	1 568	2 158	912	593	209	295
<b>PERSONS IN UNIT</b>											
1 person .....	1 088	355	226	212	127	38	79	29	22	—	242
2 persons .....	3 906	944	798	711	402	279	445	167	117	43	265
3 persons .....	3 395	459	657	581	493	400	474	199	91	41	300
4 persons .....	4 151	370	841	731	535	514	616	269	206	69	312
5 persons .....	2 024	191	297	321	418	208	303	155	85	46	324
6 persons .....	768	65	128	110	118	87	128	60	64	8	334
7 persons .....	213	—	4	49	43	24	67	20	4	2	372
8 or more persons .....	146	15	6	26	18	18	46	13	4	—	372
Median .....	3.34	2.39	3.19	3.27	3.60	3.63	3.63	3.73	3.82	3.80	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b> .....	13 074	1 728	2 349	2 241	1 819	1 411	1 939	833	551	203	306
15 to 24 years .....	605	47	82	151	154	47	93	20	6	5	307
25 to 34 years .....	3 657	209	458	611	560	588	654	367	160	50	349
35 to 44 years .....	3 828	318	725	601	552	401	661	245	252	73	324
45 to 64 years .....	4 581	977	990	807	530	369	518	201	122	67	270
65 years and over .....	403	177	94	71	23	6	13	—	11	8	213
<b>Male householder, no wife present</b> .....	821	198	198	118	112	56	94	27	18	—	256
15 to 24 years .....	49	7	12	5	15	4	6	—	—	—	302
25 to 34 years .....	247	34	35	33	39	32	51	11	12	—	328
35 to 44 years .....	236	73	46	36	29	20	28	—	4	—	249
45 to 64 years .....	264	68	103	44	22	—	9	16	2	—	231
65 years and over .....	25	16	2	—	7	—	—	—	—	—	181
<b>Female householder, no husband present</b> .....	1 796	473	410	382	223	101	125	52	24	6	252
15 to 24 years .....	44	—	7	21	6	8	2	—	—	—	286
25 to 34 years .....	424	27	102	116	67	46	55	11	—	—	286
35 to 44 years .....	393	59	111	104	29	32	33	12	7	6	263
45 to 64 years .....	674	213	146	122	101	15	35	25	17	—	242
65 years and over .....	261	174	44	19	20	—	—	4	—	—	183
Median age .....	40.9	51.3	43.6	40.3	38.5	36.1	37.6	36.8	38.7	42.3	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 .....	1 891	104	127	267	264	202	420	217	215	75	395
1975 to 1978 .....	5 105	360	608	882	786	675	1 016	479	225	74	345
1970 to 1974 .....	3 553	427	765	701	566	411	446	126	103	8	292
1960 to 1969 .....	3 875	925	1 199	732	455	235	170	67	50	42	242
1959 or earlier .....	1 267	583	258	159	83	45	106	23	—	10	210
<b>ROOMS</b>											
1 to 3 rooms .....	63	16	14	15	10	2	—	2	4	—	255
4 rooms .....	810	321	196	96	113	34	46	2	2	—	221
5 rooms .....	4 340	1 194	1 080	772	507	282	366	102	23	14	245
6 rooms .....	4 661	531	938	1 037	724	581	547	180	105	18	292
7 rooms .....	2 927	231	461	441	392	374	591	232	168	37	342
8 or more rooms .....	2 890	106	268	380	408	295	608	394	291	140	398
Median .....	6.1	5.2	5.7	6.0	6.1	6.3	6.7	7.2	7.5	8.1	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 .....	1 598	36	47	84	126	136	460	393	252	64	481
1970 to 1974 .....	1 735	74	130	260	293	253	423	133	132	37	372
1960 to 1969 .....	4 514	457	1 049	898	756	477	528	186	102	61	292
1950 to 1959 .....	2 855	709	615	616	353	224	239	62	37	—	258
1940 to 1949 .....	1 095	267	261	188	162	119	63	16	5	14	255
1939 or earlier .....	3 894	856	855	695	464	359	445	122	65	33	267
<b>VALUE</b>											
Less than \$10,000 .....	153	99	19	21	14	—	—	—	—	—	186
\$10,000 to \$19,999 .....	1 342	494	388	211	132	59	58	—	—	—	223
\$20,000 to \$29,999 .....	2 885	861	755	596	357	168	119	23	6	—	239
\$30,000 to \$39,999 .....	3 253	546	878	667	505	298	303	38	18	—	265
\$40,000 to \$49,999 .....	2 568	420	491	437	445	313	463	107	38	12	311
\$50,000 to \$59,999 .....	1 695	78	222	332	260	312	318	108	65	—	341
\$60,000 to \$79,999 .....	2 519	45	170	418	300	339	636	373	199	39	398
\$80,000 to \$99,999 .....	864	11	30	45	114	70	203	166	148	77	475
\$100,000 to \$149,999 .....	361	3	4	14	25	9	54	97	103	52	574
\$150,000 or more .....	51	—	—	—	2	—	4	—	16	29	750+
Median .....	\$40 700	\$26 800	\$33 400	\$37 800	\$41 200	\$48 100	\$54 200	\$68 800	\$78 200	\$92 700	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent .....	7 572	1 621	1 965	1 529	994	571	606	142	101	43	257
15 to 19 percent .....	3 266	209	452	558	513	406	620	357	117	34	340
20 to 24 percent .....	1 832	177	160	265	296	270	369	144	132	19	353
25 to 29 percent .....	1 015	84	132	94	100	149	237	102	84	33	383
30 to 34 percent .....	590	65	73	69	72	56	113	72	34	36	364
35 percent or more .....	1 363	229	175	202	169	111	213	95	125	44	322
Not computed .....	53	14	—	24	10	5	—	—	—	—	276
Median .....	15.4	11.4	12.5	14.1	15.8	17.6	18.8	19.4	23.0	26.3	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b> .....	15 691	2 399	2 957	2 741	2 154	1 568	2 158	912	593	209	295
Steam or hot water system .....	1 156	89	214	201	194	116	204	68	33	37	319
Central warm-air furnace or electric heat pump .....	12 037	1 838	2 354	2 156	1 598	1 178	1 611	674	466	162	292
Other built-in electric units .....	1 261	59	142	128	227	180	187	143	85	10	371
Floor, wall, or pipeless furnace .....	516	184	102	137	48	18	26	11	—	—	236
Other means .....	721	229	145	119	87	76	40	16	9	—	245
<b>Air conditioning</b> .....	10 615	1 344	1 902	1 782	1 409	1 086	1 656	735	502	199	310
Central system .....	5 478	437	721	732	739	586	1 089	567	438	169	359
1 or more individual room units .....	5 137	907	1 181	1 050	670	500	567	168	64	30	273
<b>House heating fuel</b> .....	15 691	2 399	2 957	2 741	2 154	1 568	2 158	912	593	209	295
Utility gas .....	12 336	2 197	2 627	2 339	1 631	1 137	1 417	504	326	158	279
Bottled, tank, or LP gas .....	335	28	47	78	51	43	45	34	5	4	314
Electricity .....	2 396	117	185	224	330	337	593	339	228	43	401
Fuel oil, kerosene, etc. .....	510	34	81	73	121	33	96	34	34	4	328
Other .....	114	23	17	27	21	18	7	1	—	—	281

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units .....	6 878	41	395	1 551	2 192	1 294	1 059	228	118	117
<b>PERSONS IN UNIT</b>										
1 person .....	2 002	33	246	587	628	284	181	16	27	105
2 persons .....	3 248	8	106	723	1 078	623	560	116	34	118
3 persons .....	931	—	35	149	294	227	129	58	39	124
4 persons .....	408	—	8	67	97	117	96	14	9	132
5 persons .....	193	—	—	4	73	33	61	17	5	140
6 persons .....	66	—	—	14	18	2	24	4	4	138
7 persons .....	30	—	—	7	4	8	8	3	—	138
8 or more persons .....	—	—	—	—	—	—	—	—	—	—
Median .....	1.94	1.12	1.30	1.76	1.93	2.08	2.12	2.34	2.44	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
Married-couple families .....	4 167	1	126	840	1 310	816	798	194	82	121
15 to 24 years .....	37	—	4	20	13	—	—	—	—	93
25 to 34 years .....	148	—	13	36	33	35	26	5	—	119
35 to 44 years .....	325	—	2	42	87	78	99	15	2	135
45 to 64 years .....	2 069	—	41	312	611	484	465	113	43	129
65 years and over .....	1 588	1	66	430	566	219	208	61	37	113
Male householder, no wife present .....	504	5	38	127	175	103	56	—	—	112
15 to 24 years .....	2	—	2	—	—	—	—	—	—	63
25 to 34 years .....	46	—	—	20	20	—	6	—	—	104
35 to 44 years .....	53	—	4	16	29	4	—	—	—	106
45 to 64 years .....	174	5	8	35	51	49	26	—	—	119
65 years and over .....	229	—	24	56	75	50	24	—	—	111
Female householder, no husband present .....	2 207	35	231	584	707	375	205	34	36	109
15 to 24 years .....	11	—	—	—	6	5	—	—	—	123
25 to 34 years .....	40	—	7	6	9	6	—	6	6	119
35 to 44 years .....	64	5	—	13	19	17	7	3	—	118
45 to 64 years .....	669	3	16	160	264	142	61	14	9	115
65 years and over .....	1 423	27	208	405	409	205	137	11	21	104
Median age .....	64.1	73.9	72.9	67.2	64.4	60.7	61.2	56.9	64.6	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	296	—	37	55	82	58	64	—	—	117
1975 to 1978 .....	629	10	38	147	190	120	89	20	15	116
1970 to 1974 .....	736	3	6	148	226	155	149	36	13	123
1960 to 1969 .....	1 608	9	75	286	469	344	291	91	43	123
1959 or earlier .....	3 609	19	239	915	1 225	617	466	81	47	113
<b>ROOMS</b>										
1 to 3 rooms .....	80	7	18	41	2	2	10	—	—	84
4 rooms .....	1 186	18	176	361	355	158	90	7	21	103
5 rooms .....	2 576	11	116	722	956	450	264	33	24	111
6 rooms .....	1 627	4	56	297	519	356	341	49	5	122
7 rooms .....	847	1	29	94	232	189	192	71	39	134
8 or more rooms .....	562	—	—	36	128	139	162	68	29	146
Median .....	5.3	4.3	4.5	5.0	5.3	5.6	6.0	6.9	6.7	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	158	—	13	40	26	45	28	—	6	125
1970 to 1974 .....	231	—	7	49	56	43	54	17	5	127
1960 to 1969 .....	952	3	41	117	224	237	201	74	55	135
1950 to 1959 .....	1 312	—	49	293	370	293	255	45	7	121
1940 to 1949 .....	786	10	61	215	290	110	74	19	7	109
1939 or earlier .....	3 439	28	224	837	1 226	566	447	73	38	113
<b>VALUE</b>										
Less than \$10,000 .....	293	8	35	85	89	41	32	—	3	105
\$10,000 to \$19,999 .....	1 331	19	190	412	386	193	110	14	7	103
\$20,000 to \$29,999 .....	1 804	9	139	592	646	211	166	23	18	106
\$30,000 to \$39,999 .....	1 210	—	17	257	501	232	165	20	18	117
\$40,000 to \$49,999 .....	827	4	2	116	320	262	78	38	7	123
\$50,000 to \$59,999 .....	621	—	12	81	140	148	209	31	—	138
\$60,000 to \$79,999 .....	532	1	—	8	87	180	202	29	25	149
\$80,000 to \$99,999 .....	140	—	—	—	23	20	61	28	8	172
\$100,000 to \$149,999 .....	91	—	—	—	—	7	36	33	15	204
\$150,000 or more .....	29	—	—	—	—	—	—	12	17	250+
Median .....	\$30 100	\$16 900	\$17 200	\$23 500	\$29 600	\$38 800	\$46 900	\$55 400	\$64 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	3 335	1	119	676	1 127	686	531	149	46	119
10 to 14 percent .....	1 293	12	86	340	380	263	183	27	2	114
15 to 19 percent .....	776	23	46	223	232	119	109	19	5	110
20 to 24 percent .....	398	5	53	100	126	29	71	9	5	108
25 to 29 percent .....	293	—	42	74	92	35	41	7	2	108
30 to 34 percent .....	231	—	33	57	62	42	19	—	18	110
35 percent or more .....	511	—	16	75	156	120	89	15	40	127
Not computed .....	41	—	—	6	17	—	16	2	—	121
Median .....	10.3	16.6	14.6	11.4	10—	10—	10—	10—	27.5	...
<b>SELECTED CHARACTERISTICS</b>										
Heating equipment .....	6 878	41	395	1 551	2 192	1 294	1 059	228	118	117
Steam or hot water system .....	594	—	6	53	206	125	143	42	19	131
Central warm-air furnace or electric heat pump .....	4 737	20	203	1 110	1 554	918	701	140	91	117
Other built-in electric units .....	394	3	18	51	105	101	89	26	1	130
Floor, wall, or pipeless furnace .....	349	5	44	117	105	36	35	7	—	102
Other means .....	804	13	124	220	222	114	91	13	7	105
Air conditioning .....	3 846	8	122	802	1 266	776	628	160	84	120
Central system .....	1 738	—	26	262	536	398	347	106	63	128
1 or more individual room units .....	2 108	8	96	540	730	378	281	54	21	114
House heating fuel .....	6 878	41	395	1 551	2 192	1 294	1 059	228	118	117
Utility gas .....	5 642	30	337	1 414	1 874	981	764	152	90	114
Bottled, tank, or LP gas .....	218	—	3	25	42	57	68	10	13	142
Electricity .....	576	3	33	77	141	163	117	32	10	130
Fuel oil, kerosene, etc. ....	415	1	21	33	127	91	103	34	5	132
Other .....	27	7	1	2	8	2	7	—	—	111

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Male householder, no wife present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Female householder, no husband present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Median age

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980

1975 to 1978

1970 to 1974

1960 to 1969

1959 or earlier

ROOMS

1 room

2 rooms

3 rooms

4 rooms

5 rooms

6 rooms

7 or more rooms

Median

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

Lacking complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

PERSONS IN UNIT

1 person

2 persons

3 persons

4 persons

5 persons

6 or more persons

Median

Total persons

UNITS IN STRUCTURE

1, detached or attached

2

3 and 4

5 to 9

10 to 49

50 or more

Mobile home or trailer, etc.

SELECTED CHARACTERISTICS

Heating equipment

Steam or hot water system

Central warm-air furnace or electric heat pump

Other built-in electric units

Floor, wall, or pipeless furnace

Other means

Air conditioning

Central system

1 or more individual room units

House heating fuel

Utility gas

Bottled, tank, or LP gas

Electricity

Fuel oil, kerosene, etc.

Other

Income in 1979 below poverty level

Percent below poverty level

HOUSEHOLD INCOME IN 1979

Less than \$5,000

\$5,000 to \$9,999

\$10,000 to \$12,499

\$12,500 to \$14,999

\$15,000 to \$19,999

\$20,000 to \$24,999

\$25,000 to \$34,999

\$35,000 to \$49,999

\$50,000 or more

Median

Mean

Owner-occupied housing units						Renter-occupied housing units					
Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
27 641	2 355	3 001	6 452	6 705	9 128	9 402	805	1 059	1 683	2 201	3 654
20 596	1 957	2 304	5 263	4 953	6 119	3 903	202	372	574	1 017	1 738
882	125	157	249	198	153	991	64	102	151	324	350
4 444	760	727	1 015	946	996	1 360	70	171	197	356	566
4 671	584	632	1 465	870	1 120	577	5	55	78	163	276
8 019	419	696	2 248	2 225	2 431	664	14	38	91	139	382
2 580	69	92	286	714	1 419	311	49	6	57	35	164
1 943	114	271	367	456	735	1 996	174	178	454	461	729
124	8	44	27	26	19	430	37	30	88	119	156
398	40	72	84	101	101	707	66	67	165	199	210
368	11	63	84	81	129	331	44	41	78	70	98
623	50	66	109	173	225	307	18	21	67	55	146
430	5	26	63	75	261	221	9	19	56	18	119
5 102	284	426	822	1 296	2 274	3 503	429	509	655	723	1 187
97	—	19	27	41	10	685	117	51	153	163	201
590	72	98	127	163	114	893	93	104	207	260	229
574	55	88	153	150	144	448	48	82	103	64	151
1 660	127	126	311	471	625	603	65	85	87	123	243
2 181	30	95	204	471	1 381	874	106	187	105	113	363
48.2	37.4	39.1	45.0	51.2	56.7	33.6	30.2	35.2	32.6	30.6	36.6
2 822	784	368	580	497	593	4 632	598	503	868	1 161	1 502
7 083	1 571	1 014	1 568	1 269	1 661	3 012	207	417	585	723	1 080
5 119	—	1 619	1 067	1 090	1 343	963	—	139	171	188	465
6 403	—	—	3 237	1 392	1 774	454	—	—	59	80	315
6 214	—	—	—	2 457	3 757	341	—	—	—	49	292
21	—	7	5	—	9	147	9	9	55	6	68
36	—	8	18	4	6	663	93	88	203	90	189
353	36	34	95	81	107	1 854	179	275	276	449	675
3 190	269	542	407	1 002	970	2 543	293	411	587	543	709
8 240	475	686	1 808	2 623	2 648	2 167	182	239	326	624	796
7 202	433	691	2 039	1 841	2 198	1 084	32	30	155	333	534
8 599	1 142	1 033	2 080	1 154	3 190	944	17	7	81	156	683
5.8	6.4	5.8	5.9	5.4	5.9	4.3	3.9	3.9	4.0	4.5	4.7
27 541	2 353	2 999	6 443	6 696	9 050	9 250	798	1 059	1 666	2 189	3 538
17 410	1 420	1 631	3 593	4 308	6 458	5 655	609	653	1 119	1 153	2 121
9 657	920	1 339	2 741	2 221	2 436	3 304	184	375	522	967	1 256
418	13	28	85	146	146	259	5	20	25	69	140
56	—	1	24	21	10	32	—	11	—	—	21
100	2	2	9	9	78	152	7	—	17	12	116
83	—	2	7	9	65	71	5	—	17	—	49
17	2	—	2	—	13	67	2	—	—	12	53
—	—	—	—	—	—	14	—	—	—	—	14
—	—	—	—	—	—	—	—	—	—	—	—
4 209	206	405	594	1 015	1 989	3 456	394	451	770	600	1 241
9 027	621	758	1 802	2 665	3 181	2 264	225	228	422	517	872
5 184	453	612	1 420	1 169	1 530	1 612	111	234	231	470	566
5 361	670	744	1 607	1 118	1 222	1 277	59	121	158	392	547
2 468	288	340	710	457	673	478	16	18	54	169	221
1 392	117	142	319	281	533	315	—	7	48	53	207
2.61	3.27	3.05	3.08	2.38	2.31	2.05	1.54	1.84	1.67	2.47	2.17
81 162	7 786	9 615	20 399	18 599	24 763	21 807	1 326	2 062	3 314	5 795	9 310
25 474	1 924	2 198	5 966	6 556	8 830	4 330	143	179	525	1 410	2 073
277	10	16	27	38	186	885	61	24	42	264	494
135	14	22	16	14	69	1 187	66	134	101	258	628
60	—	12	21	15	12	942	80	230	278	87	267
31	6	17	—	—	8	1 231	297	149	523	132	34
19	—	—	—	14	5	500	75	231	138	22	34
1 645	401	736	422	68	18	327	83	112	76	28	28
27 641	2 355	3 001	6 452	6 705	9 128	9 395	805	1 059	1 683	2 201	3 647
2 220	16	39	883	388	894	849	—	2	76	179	592
20 211	1 702	2 366	4 642	5 308	6 193	5 640	566	587	1 192	1 395	1 900
2 161	560	470	552	189	390	1 137	209	423	303	68	134
1 048	24	50	179	389	406	489	10	26	29	217	207
2 001	53	76	196	431	1 245	1 280	20	21	83	342	814
17 284	1 798	2 230	4 544	4 216	4 496	4 677	679	871	1 326	810	991
8 545	1 502	1 622	2 347	1 839	2 235	2 140	484	387	811	172	189
8 739	296	608	2 197	2 377	3 261	2 537	195	484	515	638	802
27 641	2 355	3 001	6 452	6 705	9 128	9 395	805	1 059	1 683	2 201	3 647
20 409	1 670	2 198	5 106	5 879	6 971	6 306	335	425	1 016	1 825	2 705
1 131	68	101	221	176	565	417	21	16	30	80	270
4 053	1 460	1 092	687	303	511	2 008	433	599	577	169	230
1 825	32	115	396	320	962	506	13	13	60	107	363
223	12	23	42	27	119	108	3	6	—	20	79
1 631	90	129	310	394	708	1 703	178	204	132	488	701
5.9	3.8	4.3	4.8	5.9	7.8	18.1	22.1	19.3	7.8	22.2	19.2
2 056	66	124	351	482	1 033	1 832	201	250	167	416	798
3 087	133	212	425	805	1 512	2 080	242	182	411	454	791
1 606	71	121	309	454	651	1 072	74	149	196	238	415
1 542	117	179	212	381	653	824	55	72	139	170	388
3 994	280	433	912	1 086	1 283	1 443	95	176	332	374	466
3 880	347	441	886	999	1 207	1 074	80	155	200	282	357
5 945	537	740	1 776	1 275	1 617	757	48	62	140	198	309
4 265	633	598	1 264	925	845	230	10	7	71	53	89
1 266	171	153	317	298	327	90	—	6	27	16	41
\$21 788	\$27 814	\$24 874	\$25 612	\$20 668	\$17 825	\$11 840	\$9 054	\$11 636	\$13 714	\$12 421	\$11 434
\$23 762	\$29 610	\$26 367	\$26 671	\$22 677	\$20 139	\$13 804	\$10 950	\$13 001	\$15 931	\$14 084	\$13 518

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

## Occupied housing units

Condominium housing units

## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

## Married-couple families

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

## Male householder, no wife present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

## Female householder, no husband present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

## Median age

## YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980

1975 to 1978

1970 to 1974

1960 to 1969

1959 or earlier

## ROOMS

1 room

2 rooms

3 rooms

4 rooms

5 rooms

6 rooms

7 or more rooms

## PLUMBING FACILITIES BY PERSONS PER ROOM

## Complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

## Lacking complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

## BEDROOMS

None

1

2

3

4

5 or more

## HOUSEHOLD INCOME IN 1979

Less than \$5,000

\$5,000 to \$9,999

\$10,000 to \$12,499

\$12,500 to \$14,999

\$15,000 to \$19,999

\$20,000 to \$24,999

\$25,000 to \$34,999

\$35,000 to \$49,999

\$50,000 or more

## SELECTED CHARACTERISTICS

## Heating equipment

Steam or hot water system

Central warm-air furnace or electric heat pump

Other built-in electric units

Floor, wall, or pipeless furnace

Other means

## Air conditioning

Central system

## Vehicles available

1

2 or more

## House heating fuel

Utility gas

Bottled, tank, or LP gas

Electricity

Fuel oil, kerosene, etc.

Other

## Water heating fuel

Utility gas

Bottled, tank, or LP gas

Electricity

Fuel oil, kerosene, etc.

Other

## Family householder

With own children under 18 years

With own children under 6 years

## Female householder, no husband present

With own children under 18 years

With own children under 6 years

## Nonfamily householder

Income in 1979 below poverty level

Percent below poverty level

Owner-occupied housing units				Renter-occupied housing units								
Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.	
27 641	25 474	522	1 645	9 402	4 330	885	1 187	942	1 231	500	327	
86	47	39	—	80	6	—	12	31	19	12	—	
20 596	19 373	287	936	3 903	2 545	372	247	234	306	66	133	
882	657	4	221	991	538	141	110	46	93	10	53	
4 444	4 051	78	315	1 360	891	141	76	93	92	14	53	
4 671	4 548	34	89	577	484	11	15	27	25	13	2	
8 019	7 654	113	252	664	483	45	26	45	23	23	19	
2 580	2 463	58	59	311	149	34	20	23	73	6	6	
1 943	1 596	88	259	1 996	667	179	388	254	290	143	75	
124	59	6	59	430	86	63	103	48	96	12	22	
398	322	24	52	707	275	60	126	80	77	70	19	
368	325	9	34	331	111	10	93	46	35	24	12	
623	513	26	84	307	104	31	47	26	53	24	22	
430	377	23	30	221	91	15	19	54	29	13	—	
5 102	4 505	147	450	3 503	1 118	334	552	454	635	291	119	
97	55	7	35	685	190	76	162	78	95	38	46	
574	485	5	84	893	333	90	130	135	137	51	17	
590	501	27	62	448	127	59	51	75	99	5	32	
1 660	1 459	57	144	603	235	48	89	48	139	36	8	
2 181	2 005	51	125	874	233	61	120	118	165	161	16	
48.2	48.5	53.8	37.7	33.6	33.9	30.0	30.9	34.7	36.1	50.0	28.0	
2 822	2 320	59	443	4 632	1 765	504	769	455	686	212	241	
7 083	6 257	124	702	3 012	1 509	251	238	365	379	207	63	
5 119	4 681	123	315	963	496	98	81	72	124	75	17	
6 403	6 144	76	183	454	294	18	56	41	33	6	6	
6 214	6 072	140	2	341	266	14	43	9	9	—	—	
21	11	5	5	147	18	—	14	22	74	19	—	
36	12	—	24	663	42	39	93	218	160	93	18	
353	175	58	120	1 854	291	196	544	223	356	221	23	
3 190	2 251	150	789	2 543	843	317	343	271	468	96	205	
8 240	7 558	114	568	2 167	1 380	184	159	148	156	67	73	
7 202	7 013	108	81	1 084	859	121	26	53	13	4	8	
8 599	8 454	87	58	944	897	28	8	7	4	—	—	
5.8	5.9	4.9	4.4	4.3	5.2	4.2	3.4	3.5	3.6	3.1	4.1	
27 541	25 380	518	1 643	9 250	4 303	865	1 154	911	1 200	490	327	
17 410	16 132	362	916	5 655	2 321	467	810	598	858	425	176	
9 657	8 825	143	689	3 304	1 863	364	276	267	332	65	137	
418	383	13	22	259	113	34	53	35	10	—	14	
56	40	—	16	32	6	—	15	11	—	—	—	
100	94	4	2	152	27	20	33	31	31	10	—	
83	81	2	—	71	18	6	16	25	6	—	—	
17	13	2	2	67	9	8	9	6	25	10	—	
—	—	—	—	14	—	6	8	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
28	11	5	12	230	23	—	35	44	103	25	—	
817	597	106	114	2 801	463	319	719	415	530	312	43	
8 211	6 865	225	1 121	3 931	1 829	450	390	355	524	145	238	
14 321	13 804	135	382	1 865	1 474	100	36	121	70	18	46	
3 748	3 707	34	7	460	426	16	7	7	4	—	—	
516	490	17	9	115	115	—	—	—	—	—	—	
2 056	1 792	85	179	1 832	513	223	414	185	272	171	54	
3 087	2 730	62	295	2 080	791	179	277	245	347	108	133	
1 606	1 419	29	158	1 072	492	96	142	100	152	42	48	
1 542	1 331	47	164	824	416	101	94	65	84	37	27	
3 994	3 555	72	367	1 443	781	108	130	124	193	85	22	
3 880	3 596	74	210	1 074	608	111	92	127	83	26	27	
5 945	5 650	95	200	757	518	48	24	67	54	31	15	
4 265	4 159	42	64	230	148	19	3	22	37	—	—	
1 266	1 242	16	8	90	63	—	11	7	9	—	—	
\$21 788	\$22 436	\$17 500	\$15 300	\$11 840	\$14 718	\$11 055	\$8 125	\$11 025	\$9 939	\$8 632	\$9 184	
\$23 762	\$24 339	\$20 000	\$16 031	\$13 804	\$16 403	\$12 311	\$9 932	\$13 264	\$12 162	\$10 315	\$10 556	
27 641	25 474	522	1 645	9 395	4 330	878	1 187	942	1 231	500	327	
2 220	2 141	60	19	849	210	83	198	140	176	40	2	
20 211	18 531	356	1 324	5 640	2 824	519	588	569	746	117	277	
2 161	2 014	39	108	1 137	157	46	162	193	247	329	3	
1 048	933	29	86	489	268	94	78	8	22	5	14	
2 001	1 855	38	108	1 280	871	136	161	32	40	9	31	
17 284	16 029	285	970	4 677	1 641	295	431	675	1 089	431	115	
8 545	7 953	122	470	2 140	436	65	182	433	851	146	27	
26 337	24 332	462	1 543	7 988	3 890	712	921	756	1 051	375	283	
7 685	6 831	196	658	4 744	1 767	481	673	545	785	325	168	
18 652	17 501	266	885	3 244	2 123	231	248	211	266	50	115	
27 641	25 474	522	1 645	9 395	4 330	878	1 187	942	1 231	500	327	
20 409	19 181	373	855	6 306	3 123	776	883	540	656	91	237	
1 131	976	11	144	417	340	5	15	—	26	11	20	
4 053	3 532	120	401	2 008	330	83	260	387	539	393	16	
1 825	1 571	18	236	556	464	14	16	9	—	—	53	
223	214	—	9	108	73	—	13	6	10	5	1	
27 613	25 448	522	1 643	9 380	4 315	881	1 187	939	1 231	500	327	
17 636	16 903	355	378	5 552	2 702	720	891	496	521	108	114	
841	756	30	55	325	237	1	26	7	29	11	14	
9 039	7 692	137	1 210	3 454	1 358	160	257	436	667	377	199	
46	46	—	—	26	18	—	8	—	—	—	—	
51	51	—	—	23	—	—	5	—	14	4	—	
23 182	21 645	353	1 184	5 515	3 238	561	488	431	483	102	212	
12 194	11 362	151	681	3 723	2 251	400	328	283	261	52	148	
4 568	4 145	44	379	2 306	1 364	291	188	169	166	29	99	
2 019	1 778	55	186	1 397	585	157	206	180	173	29	67	
1 132	953	43	136	1 157	489	134	178	137	133	20	66	
208	173	7	28	625	273	89	80	75	71	4	33	
4 459	3 829	169	461	3 887	1 092	324	699	511	748	398	115	
1 631	1 377	75	179	1 703	570	197	349	162	233	103	89	
5.9	5.4	14.4	10.9	18.1	13.2	22.3	29.4	17.2	18.9	20.6	27.2	

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	27 641	4 209	9 027	5 184	5 361	2 468	952	273	167	2.61	81 162
Nonrelatives present .....	588	—	207	122	100	92	43	18	6	3.21	1 990
<b>ROOMS</b> .....											
1 to 3 rooms .....	410	214	155	26	15	—	—	—	—	1.46	735
4 rooms .....	3 190	1 046	1 231	613	243	53	2	—	2	1.95	6 647
5 rooms .....	8 240	1 535	3 137	1 494	1 364	455	165	45	45	2.32	21 943
6 rooms .....	7 202	840	2 330	1 369	1 568	758	245	73	19	2.81	21 915
7 rooms .....	4 412	326	1 235	935	1 110	509	208	65	24	3.19	14 511
8 or more rooms .....	4 187	248	939	747	1 061	693	332	90	77	3.65	15 411
Median .....	5.8	5.1	5.5	5.8	6.2	6.5	6.8	6.8	7.2	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	27 541	4 160	8 982	5 180	5 359	2 468	952	273	167	2.62	81 001
1.00 or less .....	27 067	4 160	8 977	5 178	5 344	2 415	785	155	53	2.58	78 054
1.01 to 1.50 .....	418	—	—	—	13	53	167	118	67	6.36	2 622
1.51 or more .....	56	—	5	2	2	—	—	—	47	8.33	325
Lacking complete plumbing for exclusive use .....	100	49	45	4	2	—	—	—	—	1.52	161
1.00 or less .....	100	49	45	4	2	—	—	—	—	1.52	161
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	25 474	3 645	8 324	4 792	5 048	2 349	899	261	156	2.66	75 184
2 or more .....	522	147	195	72	39	29	28	12	—	2.08	1 442
Mobile home or trailer, etc. ....	1 645	417	508	320	274	90	25	—	11	2.30	4 536
<b>VALUE</b> .....											
Specified owner-occupied housing units .....	22 569	3 090	7 154	4 326	4 559	2 217	834	243	146	2.74	67 222
Less than \$10,000 .....	446	144	153	68	50	25	2	4	—	2.02	1 119
\$10,000 to \$19,999 .....	2 673	657	907	393	347	213	104	27	25	2.25	6 982
\$20,000 to \$29,999 .....	4 689	862	1 572	807	755	396	179	85	33	2.44	13 446
\$30,000 to \$39,999 .....	4 463	577	1 559	977	853	304	116	34	43	2.60	12 750
\$40,000 to \$49,999 .....	3 395	361	981	643	824	410	134	27	15	3.05	10 469
\$50,000 to \$59,999 .....	2 316	219	719	556	509	214	85	11	3	2.90	6 943
\$60,000 to \$79,999 .....	3 051	201	929	571	812	363	114	38	23	3.19	9 985
\$80,000 to \$99,999 .....	1 004	49	186	198	276	204	75	12	4	3.75	3 652
\$100,000 to \$149,999 .....	452	20	128	90	122	76	11	5	—	3.37	1 541
\$150,000 or more .....	80	—	20	23	11	12	14	—	—	3.37	335
Median .....	\$37 500	\$28 200	\$35 700	\$39 100	\$43 000	\$43 700	\$41 400	\$31 700	\$33 400	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	27 641	4 209	9 027	5 184	5 361	2 468	952	273	167	2.61	81 162
Median income .....	\$21 788	\$8 299	\$19 428	\$24 858	\$26 728	\$28 816	\$30 235	\$29 612	\$31 583	...	...
Median selected monthly owner costs as percentage of household income .....	14.2	20.3	12.8	13.7	14.3	13.6	13.9	15.0	13.6	...	...
With a mortgage .....	15.4	24.3	15.4	15.3	15.0	14.1	14.3	16.5	13.6	...	...
Not mortgaged .....	10.3	18.5	10—	10—	10—	10—	10—	11.3	—	...	...
Income in 1979 below poverty level .....	1 631	706	379	202	186	92	41	18	7	1.79	...
Median income .....	\$3 020	\$2 702	\$2 718	\$3 267	\$4 113	\$7 625	\$2500—	\$8 438	\$3 750	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50.0	50+	38.1	50+	...	...
With a mortgage .....	50+	50+	50+	50+	50+	48.3	50+	39.4	50+	...	...
Not mortgaged .....	42.0	43.9	47.1	27.3	36.4	50+	16.3	12.5	—	...	...
<b>Renter-occupied housing units</b> .....	9 402	3 456	2 264	1 612	1 277	478	195	91	29	2.05	21 807
Nonrelatives present .....	601	—	363	129	66	13	22	4	4	2.33	1 593
<b>ROOMS</b> .....											
1 room .....	147	142	5	—	—	—	—	—	—	1.02	152
2 rooms .....	663	574	60	16	13	—	—	—	—	1.08	770
3 rooms .....	1 854	1 268	335	176	75	—	—	—	—	1.23	2 663
4 rooms .....	2 543	779	904	523	246	49	41	1	—	2.04	5 361
5 rooms .....	2 167	451	583	500	395	163	31	31	13	2.60	6 058
6 rooms .....	1 084	140	193	257	275	155	38	14	12	3.31	3 446
7 or more rooms .....	944	102	184	140	273	111	85	45	4	3.67	3 357
Median .....	4.3	3.3	4.3	4.7	5.3	5.7	6.2	6.5	5.6	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	9 250	3 369	2 241	1 601	1 256	468	195	91	29	2.06	21 489
1.00 or less .....	8 959	3 369	2 236	1 585	1 182	419	123	45	—	2.00	19 972
1.01 to 1.50 .....	259	—	—	16	61	49	72	45	16	5.55	1 371
1.51 or more .....	32	—	5	—	13	—	—	1	13	4.35	146
Lacking complete plumbing for exclusive use .....	152	87	23	11	21	10	—	—	—	1.37	318
1.00 or less .....	138	87	23	11	7	10	—	—	—	1.29	262
1.01 to 1.50 .....	14	—	—	—	14	—	—	—	—	4.00	56
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	4 330	883	1 099	862	874	371	155	69	17	2.71	12 428
2 .....	885	289	200	203	103	63	21	6	—	2.27	2 181
3 and 4 .....	1 187	629	295	156	81	12	6	—	8	1.44	2 092
5 to 9 .....	942	456	240	116	99	15	—	16	—	1.56	1 741
10 to 49 .....	1 231	707	297	151	55	11	6	—	4	1.37	1 984
50 or more .....	500	392	63	33	12	—	—	—	—	1.14	629
Mobile home or trailer, etc. ....	327	100	70	91	53	6	7	—	—	2.41	752
<b>GROSS RENT</b> .....											
Specified renter-occupied housing units .....	8 545	3 316	2 057	1 445	1 055	395	180	70	27	1.96	19 055
Less than \$100 .....	550	393	36	68	36	11	6	—	—	1.20	908
\$100 to \$149 .....	822	502	190	82	12	12	15	9	—	1.32	1 356
\$150 to \$199 .....	1 597	724	382	285	154	44	—	—	8	1.70	3 180
\$200 to \$249 .....	2 090	747	530	396	278	70	53	12	4	2.06	4 728
\$250 to \$299 .....	1 750	610	399	297	298	95	16	30	5	2.16	4 000
\$300 to \$349 .....	784	141	213	187	128	74	22	9	10	2.70	2 059
\$350 to \$399 .....	306	45	97	41	50	24	6	—	—	2.76	989
\$400 to \$499 .....	160	22	12	33	56	15	22	—	—	3.73	584
\$500 or more .....	19	—	7	—	—	—	12	—	—	5.71	90
No cash rent .....	467	132	191	54	52	24	10	4	—	2.03	1 161
Median .....	\$223	\$197	\$227	\$231	\$253	\$276	\$267	\$273	\$257	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	9 402	3 456	2 264	1 612	1 277	478	195	91	29	2.05	21 807
Median income .....	\$11 840	\$7 922	\$14 397	\$12 795	\$15 077	\$17 661	\$17 361	\$18 021	\$31 500	...	...
Median gross rent as percentage of household income .....	22.6	26.9	20.4	21.2	21.0	19.7	22.3	19.5	13.2	...	...
Income in 1979 below poverty level .....	1 703	747	264	271	227	118	39	27	10	1.90	...
Median income .....	\$2 957	\$2500—	\$3 130	\$3 847	\$4 021	\$4 192	\$6 350	\$8 295	\$4 063	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50+	50+	45.7	45.0	50+	...	...

Table A — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
<b>The SMSA</b>																
<b>Owner-occupied housing units</b>																
<b>PERSONS IN UNIT</b>																
1 person	882	4 444	4 671	8 019	2 580	124	398	368	623	430	97	574	590	1 660	2 181	48.2
2 persons	351	666	393	3 936	2 231	81	266	186	377	357	42	108	75	889	1 828	65.7
3 persons	335	1 080	692	1 966	2 257	36	59	85	117	51	32	145	181	475	269	57.8
4 persons	170	1 848	1 233	43	32	7	21	23	99	20	12	218	172	179	73	45.0
5 persons	20	664	1 079	501	32	—	8	22	16	2	11	28	38	68	5	37.8
6 or more persons	6	244	659	383	17	—	6	25	14	—	—	19	38	32	—	38.9
Median	2.77	3.77	4.18	2.54	2.08	1.27	1.25	1.49	1.33	1.10	1.70	2.66	2.73	1.43	1.10	40.7
Total persons	2 535	16 682	20 393	23 716	5 538	184	647	740	1 073	519	185	1 639	1 783	2 895	2 633	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																
Complete plumbing for exclusive use	882	4 444	4 671	7 998	2 564	124	398	368	615	424	97	574	588	1 657	2 137	48.1
1.01 or more persons per room	6	72	182	143	16	—	6	—	2	—	—	14	28	21	—	40.3
Locking complete plumbing for exclusive use	—	—	—	21	—	—	—	—	8	6	—	—	2	3	44	68.2
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																
<b>With a mortgage</b>																
Less than 15 percent	642	3 805	4 153	6 650	1 991	51	293	289	438	254	55	464	457	1 343	1 684	47.4
15 to 19 percent	605	3 657	3 828	4 581	403	49	247	236	264	25	44	424	424	674	261	40.9
20 to 24 percent	140	1 241	2 254	3 063	108	2	52	38	126	—	7	100	112	180	52	44.0
25 to 29 percent	202	1 012	817	708	87	13	67	35	40	—	—	57	95	120	10	37.3
30 to 34 percent	136	697	289	301	61	8	46	24	18	—	4	92	37	66	24	34.3
35 percent or more	37	334	188	141	59	6	19	24	7	9	—	54	38	46	36	36.9
Median	33	145	202	145	37	20	23	15	22	16	33	25	43	32	110	38.8
Not computed	57	223	202	199	51	—	40	22	48	—	—	96	56	189	111	42.6
Median	53	12	13	24	—	—	—	—	—	—	—	—	—	—	—	41.9
<b>Not mortgaged</b>																
Less than 10 percent	15.4	17.9	13.7	12.2	20.5	26.3	20.5	14.2	15.7	37.5	50.1	23.0	19.1	22.1	29.1	64.1
10 to 14 percent	6 878	148	325	2 069	1 588	2	46	53	174	229	11	40	18	669	1 423	58.0
15 to 19 percent	3 335	93	280	634	334	2	34	48	43	67	—	15	23	252	257	71.3
20 to 24 percent	1 293	30	38	236	439	—	—	—	13	50	5	6	12	80	300	70.2
25 to 29 percent	776	10	7	87	237	—	—	—	—	13	—	—	7	43	153	71.4
30 to 34 percent	398	6	—	28	142	—	—	—	—	—	—	—	4	23	144	73.1
35 percent or more	293	13	—	23	51	—	7	—	5	23	—	—	—	25	155	74.8
Median	231	—	—	6	26	—	5	—	7	40	—	13	—	85	235	69.4
Not computed	511	2	—	73	56	—	—	—	—	—	—	—	—	9	6	60.5
Median	41	10—	10—	9	11.8	10—	10—	5	10—	14.6	12.5	14.2	13.0	12.6	19.6	...
Total persons	10.3	991	1 360	664	311	430	707	331	307	221	685	893	448	603	874	33.6
<b>Renter-occupied housing units</b>																
<b>PERSONS IN UNIT</b>																
1 person	3 456	—	65	277	—	308	521	259	236	203	302	306	133	392	796	39.9
2 persons	2 264	361	294	149	284	74	119	42	43	17	170	217	111	123	67	32.7
3 persons	1 612	438	324	177	17	44	35	15	15	—	134	207	95	33	6	27.6
4 persons	1 277	186	441	132	7	4	16	8	6	1	10	100	66	41	5	32.1
5 persons	478	26	195	54	3	—	10	2	2	—	12	42	19	7	—	33.5
6 or more persons	315	281	106	32	—	—	6	5	—	—	174	21	24	7	—	36.4
Median	2.05	2.81	3.64	2.87	2.05	1.20	1.18	1.14	1.15	1.04	1.74	2.15	2.32	1.04	1.05	...
Total persons	21 807	2 767	4 943	2 162	626	582	987	440	434	212	1 251	1 998	1 109	972	957	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																
Complete plumbing for exclusive use	9 250	980	1 350	664	309	413	695	325	288	196	685	881	430	595	868	33.5
1.01 or more persons per room	291	27	81	37	—	6	4	5	5	—	19	22	11	7	—	34.0
Locking complete plumbing for exclusive use	152	11	10	6	—	17	12	6	19	25	—	18	8	—	—	37.9
1.01 or more persons per room	14	6	—	—	—	—	—	—	—	—	—	—	—	—	—	35.6
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																
<b>Specified renter-occupied housing units</b>																
Less than 15 percent	8 545	906	1 166	432	264	419	660	324	273	206	678	882	446	568	821	33.1
15 to 19 percent	1 516	172	349	135	47	177	238	116	102	14	24	147	75	91	45	33.6
20 to 24 percent	1 539	120	279	58	31	106	175	80	61	34	62	149	114	51	75	31.7
25 to 29 percent	1 199	130	201	53	7	29	82	46	33	29	90	133	51	47	132	32.3
30 to 34 percent	646	11	97	28	17	46	30	13	13	17	42	77	40	66	58	31.6
35 to 49 percent	361	70	78	15	26	38	33	13	35	4	65	51	62	36	61	32.7
50 percent or more	663	93	78	35	23	40	40	6	35	69	105	124	46	87	133	34.4
Median	1 253	83	103	17	33	65	43	45	15	21	236	156	58	162	223	33.1
Not computed	567	22.7	18.6	17.9	16.6	23.8	17.4	17.8	17.2	29.6	38.1	24.6	23.3	32.1	34.4	...
Total persons	22.6	22.7	18.6	17.9	16.6	23.8	17.4	17.8	17.2	29.6	38.1	24.6	23.3	32.1	34.4	...

Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	<b>4 209</b>	<b>1 267</b>	<b>81</b>	<b>266</b>	<b>186</b>	<b>377</b>	<b>357</b>	<b>2 942</b>	<b>42</b>	<b>108</b>	<b>75</b>	<b>889</b>	<b>1 828</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	4 160	1 255	81	266	186	371	351	2 905	42	108	73	889	1 793
Locking complete plumbing for exclusive use .....	49	12	—	—	—	6	6	37	—	—	2	—	35
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	3 645	1 026	40	216	152	308	310	2 619	28	79	63	777	1 672
2 or more .....	147	70	6	18	9	14	23	77	—	—	7	27	43
Mobile home or trailer, etc. ....	417	171	35	32	25	55	24	246	14	29	5	85	113
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 280	217	16	7	10	58	126	1 063	15	18	10	205	815
\$5,000 to \$9,999 .....	1 134	225	3	18	19	69	116	909	7	14	13	235	640
\$10,000 to \$12,499 .....	346	91	26	5	8	31	21	255	8	29	13	91	114
\$12,500 to \$14,999 .....	271	78	8	25	11	17	17	193	5	13	7	72	96
\$15,000 to \$19,999 .....	526	225	15	73	46	55	36	301	7	26	7	160	101
\$20,000 to \$24,999 .....	285	174	7	90	20	45	12	111	—	8	15	63	25
\$25,000 to \$34,999 .....	253	184	6	39	59	67	13	69	—	—	5	47	17
\$35,000 to \$49,999 .....	92	67	—	—	13	31	16	25	—	—	5	16	4
\$50,000 or more .....	22	6	—	2	—	4	—	16	—	—	—	—	16
Median .....	\$8 299	\$15 420	\$12 067	\$20 184	\$19 924	\$16 205	\$6 727	\$6 851	\$7 143	\$11 897	\$13 036	\$10 124	\$5 641
Mean .....	\$11 404	\$16 473	\$13 341	\$19 690	\$21 270	\$18 567	\$10 077	\$9 220	\$9 549	\$11 709	\$15 126	\$11 673	\$7 631
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
Specified owner-occupied housing units .....	3 090	818	36	195	129	256	202	2 272	28	73	63	715	1 393
With a mortgage .....	1 088	465	34	163	115	128	25	623	23	57	42	311	190
Less than \$200 .....	355	120	5	28	37	34	16	235	—	6	2	94	133
\$200 to \$249 .....	226	100	10	10	34	44	2	126	7	20	—	77	22
\$250 to \$299 .....	212	74	5	26	19	24	—	138	8	17	24	70	19
\$300 to \$349 .....	127	64	8	25	8	16	7	63	6	7	—	38	12
\$350 to \$399 .....	38	20	—	13	7	—	—	18	—	2	5	11	—
\$400 to \$499 .....	79	58	6	44	8	—	—	21	2	5	2	12	—
\$500 to \$599 .....	29	21	—	11	—	10	—	8	—	—	2	2	4
\$600 to \$749 .....	22	8	—	6	2	—	—	14	—	—	7	7	—
\$750 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$242	\$258	\$270	\$335	\$230	\$234	\$181	\$230	\$278	\$257	\$290	\$240	\$180
Not mortgaged .....	2 002	353	2	32	14	128	177	1 649	5	16	21	404	1 203
Less than \$50 .....	33	5	—	—	—	5	—	28	—	—	5	3	20
\$50 to \$74 .....	246	29	2	—	—	3	24	217	—	7	—	10	200
\$75 to \$99 .....	587	103	—	20	5	27	51	484	—	—	—	101	383
\$100 to \$124 .....	628	111	—	6	9	40	56	517	—	3	7	192	315
\$125 to \$149 .....	284	78	—	—	—	41	37	206	5	6	4	34	157
\$150 to \$199 .....	181	27	—	6	—	12	9	154	—	—	5	51	98
\$200 to \$249 .....	16	—	—	—	—	—	—	16	—	—	—	7	9
\$250 or more .....	27	—	—	—	—	—	—	27	—	—	—	6	21
Median .....	\$105	\$109	\$63	\$95	\$106	\$118	\$106	\$105	\$138	\$108	\$120	\$111	\$100
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	20.3	17.0	24.2	22.1	13.9	13.5	17.7	21.7	36.7	25.3	24.5	19.0	23.1
With a mortgage .....	24.3	21.4	25.0	23.5	14.8	19.3	37.5	27.5	38.8	25.9	33.3	22.9	35.2
Not mortgaged .....	18.5	11.0	10	10	10	10	15.4	19.7	12.5	14.2	10	16.1	21.4
Income in 1979 below poverty level .....	706	129	11	7	10	44	57	577	7	18	10	169	373
Percent below poverty level .....	16.8	10.2	13.6	2.6	5.4	11.7	16.0	19.6	16.7	16.7	13.3	19.0	20.4
<b>Renter-occupied housing units</b> .....	<b>3 456</b>	<b>1 527</b>	<b>308</b>	<b>521</b>	<b>259</b>	<b>236</b>	<b>203</b>	<b>1 929</b>	<b>302</b>	<b>306</b>	<b>133</b>	<b>392</b>	<b>796</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	3 369	1 453	295	509	254	217	178	1 916	302	306	129	389	790
Locking complete plumbing for exclusive use .....	87	74	13	12	5	19	25	13	—	—	4	3	6
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	883	421	47	173	66	56	79	462	43	65	27	125	202
2 .....	289	127	50	33	2	27	15	162	21	34	21	29	57
3 and 4 .....	629	309	64	110	74	42	19	320	83	66	16	49	106
5 to 9 .....	456	224	39	70	46	21	48	232	43	28	24	33	104
10 to 49 .....	707	268	93	67	35	44	29	439	56	82	28	114	159
50 or more .....	392	130	6	63	24	24	13	262	38	31	5	36	152
Mobile home or trailer, etc. ....	100	48	9	5	12	22	—	52	18	—	12	6	16
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 163	254	62	49	45	24	74	909	123	47	41	209	489
\$5,000 to \$9,999 .....	939	363	94	80	17	66	106	576	120	87	38	90	241
\$10,000 to \$12,499 .....	333	188	40	74	22	43	9	145	40	53	11	27	14
\$12,500 to \$14,999 .....	268	140	46	62	16	2	14	128	13	65	13	16	21
\$15,000 to \$19,999 .....	390	269	31	118	71	49	—	121	6	49	24	27	15
\$20,000 to \$24,999 .....	242	199	27	111	41	20	—	43	—	5	6	18	14
\$25,000 to \$34,999 .....	97	92	8	27	34	23	—	5	—	—	—	5	—
\$35,000 to \$49,999 .....	2	—	—	—	—	—	—	2	—	—	—	—	2
\$50,000 or more .....	22	22	—	—	13	9	—	—	—	—	—	—	—
Median .....	\$9 922	\$11 948	\$9 894	\$14 819	\$16 844	\$11 628	\$5 982	\$5 456	\$6 129	\$10 896	\$8 958	\$4 740	\$4 352
Mean .....	\$7 634	\$13 192	\$10 301	\$14 407	\$17 230	\$15 671	\$6 430	\$6 817	\$6 195	\$9 793	\$9 405	\$7 055	\$5 358
<b>GROSS RENT</b>													
Specified renter-occupied housing units .....	3 316	1 463	304	501	254	210	194	1 853	302	304	133	362	752
Less than \$100 .....	393	110	14	13	13	25	45	283	—	14	14	57	198
\$100 to \$149 .....	502	166	24	28	14	33	67	336	68	23	34	97	164
\$150 to \$199 .....	724	342	73	130	61	50	28	382	79	56	23	97	127
\$200 to \$249 .....	747	398	89	167	84	38	20	349	77	113	21	43	95
\$250 to \$299 .....	610	334	97	125	52	46	14	276	42	63	16	62	73
\$300 to \$349 .....	141	43	7	22	8	6	—	98	13	23	25	19	18
\$350 to \$399 .....	45	24	—	—	22	2	—	21	14	7	—	—	—
\$400 to \$499 .....	22	9	—	9	—	—	—	13	—	—	—	13	—
\$500 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent .....	132	37	—	7	—	10	20	95	9	5	—	4	77
Median .....	\$197	\$211	\$217	\$221	\$225	\$183	\$138	\$180	\$199	\$230	\$185	\$180	\$142
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	26.9	19.4	27.6	17.8	17.6	18.4	27.9	34.1	35.8	25.8	31.4	39.5	36.5
Income in 1979 below poverty level .....	747	154	55	23	31	20	25	593	95	41	36	141	280
Percent below poverty level .....	21.6	10.1	17.9	4.4	12.0	8.5	12.3	30.7	31.5	13.4	27.1	36.0	35.2

Table A—12. **Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----					Vacant for rent housing units -----				
	443	83	192	168		766	348	261	157
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms -----	33	—	19	14	1 room -----	—	—	—	—
4 rooms -----	52	8	22	22	2 rooms -----	77	42	19	16
5 rooms -----	121	24	44	53	3 rooms -----	262	104	98	60
6 rooms -----	77	19	23	35	4 rooms -----	228	129	67	32
7 rooms -----	64	6	35	23	5 rooms -----	114	49	37	28
8 or more rooms -----	96	26	49	21	6 rooms -----	38	19	19	—
Median -----	5.7	6.0	6.0	5.4	7 or more rooms -----	47	5	21	—
					Median -----	3.7	3.7	3.7	3.6
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use -----	433	83	192	158	Complete plumbing for exclusive use -----	761	346	261	154
Lacking complete plumbing for exclusive use -----	10	—	—	10	Lacking complete plumbing for exclusive use -----	5	2	—	3
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None -----	—	—	—	—	None -----	16	9	7	—
1 -----	24	—	4	20	1 -----	338	147	105	86
2 -----	150	25	80	45	2 -----	286	146	107	33
3 -----	164	44	60	60	3 -----	90	46	22	22
4 -----	97	14	44	39	4 -----	32	—	20	12
5 or more -----	8	—	4	4	5 or more -----	4	—	—	4
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 -----	91	20	49	22	1975 to March 1980 -----	84	21	47	16
1970 to 1974 -----	39	16	18	5	1970 to 1974 -----	55	51	4	—
1960 to 1969 -----	65	18	36	11	1960 to 1969 -----	129	48	74	7
1950 to 1959 -----	33	—	19	14	1950 to 1959 -----	79	25	38	16
1940 to 1949 -----	46	8	22	16	1940 to 1949 -----	65	53	5	7
1939 or earlier -----	169	21	48	100	1939 or earlier -----	354	150	93	111
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached -----	351	70	140	141	1, detached or attached -----	241	99	78	64
2 or more -----	37	—	12	25	2 -----	120	63	37	20
Mobile home or trailer -----	55	13	40	2	3 and 4 -----	157	102	24	31
<b>HEATING EQUIPMENT</b>					5 to 9 -----	71	32	13	26
Central heating system -----	347	75	152	120	10 to 49 -----	133	20	100	13
Other means -----	96	8	40	48	50 or more -----	6	6	—	—
None -----	—	—	—	—	Mobile home or trailer -----	38	26	9	3
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units -----	315	70	125	120	Specified vacant for rent housing units -----	733	334	250	149
Less than \$10,000 -----	8	—	5	3	Less than \$100 -----	66	14	25	27
\$10,000 to \$19,999 -----	76	12	28	36	\$100 to \$149 -----	157	50	63	44
\$20,000 to \$29,999 -----	45	12	12	21	\$150 to \$199 -----	203	111	56	36
\$30,000 to \$39,999 -----	62	13	14	35	\$200 to \$249 -----	216	123	58	35
\$40,000 to \$49,999 -----	21	9	7	5	\$250 to \$299 -----	88	36	45	7
\$50,000 to \$59,999 -----	29	7	22	7	\$300 to \$399 -----	3	—	—	—
\$60,000 to \$79,999 -----	40	11	22	7	\$400 or more -----	—	—	—	—
\$80,000 to \$99,999 -----	11	—	—	11	Median -----	\$188	\$197	\$192	\$153
\$100,000 or more -----	23	6	15	2					
Median -----	\$36 200	\$39 200	\$47 500	\$30 000					

Table A—13. **Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA															
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Total -----	315	8	121	83	80	23	36 200	733	66	360	304	3	—	188	
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use -----	313	8	119	83	80	23	36 300	730	66	357	304	3	—	189	
Lacking complete plumbing for exclusive use -----	2	—	2	—	—	—	23 800	3	—	3	—	—	—	105	
<b>BEDROOMS</b>															
None -----	—	—	—	—	—	—	—	16	7	9	—	—	—	103	
1 -----	11	—	9	—	—	2	17 000	338	31	208	99	—	—	170	
2 -----	77	6	45	21	5	—	20 300	279	11	100	168	—	—	211	
3 -----	156	—	46	60	45	5	37 300	72	7	39	23	3	—	183	
4 -----	67	2	19	—	30	16	75 900	24	10	—	14	—	—	231	
5 or more -----	4	—	2	2	—	—	30 000	4	—	4	—	—	—	185	
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980 -----	79	—	15	—	43	21	77 100	83	21	31	31	—	—	154	
1970 to 1974 -----	13	—	—	3	8	2	77 200	55	1	6	48	—	—	214	
1960 to 1969 -----	44	—	4	19	21	—	47 500	127	4	44	76	3	—	223	
1950 to 1959 -----	22	—	2	20	—	—	34 100	79	—	71	8	—	—	139	
1940 to 1949 -----	35	—	19	14	2	—	26 900	65	3	28	34	—	—	204	
1939 or earlier -----	122	8	81	27	6	—	19 800	324	37	180	107	—	—	173	
<b>UNITS IN STRUCTURE</b>															
1, detached or attached -----	315	8	121	83	80	23	36 200	208	14	106	85	3	—	186	
2 or more -----	—	—	—	—	—	—	—	487	43	233	211	—	—	194	
Mobile home or trailer -----	—	—	—	—	—	—	—	38	9	21	8	—	—	147	



Table B — 1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Kokomo city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	10 773	317	1 951	2 913	2 389	1 338	682	774	298	85	26	30 800	35 100
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	7 570	156	1 116	1 918	1 679	1 086	571	685	257	76	26	33 200	38 000
15 to 24 years	342	7	45	130	125	24	6	5	—	—	—	29 400	29 800
25 to 34 years	1 594	15	200	330	393	286	121	148	78	18	5	36 100	40 400
35 to 44 years	1 664	26	196	380	278	330	157	217	62	18	—	38 200	41 100
45 to 64 years	2 817	59	374	743	633	365	241	270	96	23	13	33 600	38 400
65 years and over	1 153	49	301	335	250	81	46	21	17	8	8	26 200	31 700
Male householder, no wife present	729	41	240	199	168	37	17	18	9	—	—	22 300	26 700
15 to 24 years	35	—	15	7	13	—	—	—	—	—	—	25 900	24 300
25 to 34 years	151	5	36	36	51	13	4	6	—	—	—	29 400	30 300
35 to 44 years	158	—	41	85	5	12	8	7	—	—	—	22 600	27 100
45 to 64 years	225	5	100	26	74	6	5	—	9	—	—	21 200	27 800
65 years and over	1 160	31	48	45	25	6	—	5	—	—	—	20 100	22 000
Female householder, no husband present	2 474	120	595	796	542	215	94	71	32	9	—	25 900	28 900
15 to 24 years	38	—	8	19	5	6	—	—	—	—	—	24 300	26 300
25 to 34 years	243	—	42	94	64	5	26	7	—	5	—	26 400	32 300
35 to 44 years	239	—	72	79	53	22	3	5	—	—	—	24 800	27 100
45 to 64 years	1 129	61	159	223	221	79	26	40	12	4	—	27 900	30 400
65 years and over	1 129	54	314	381	199	103	39	19	20	—	—	24 900	27 500
Median age	50.6	62.7	55.5	52.2	49.9	44.1	46.8	44.5	45.7	45.4	63.1	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 062	21	138	250	246	175	61	88	61	22	—	34 600	40 000
1975 to 1978	2 452	63	362	599	524	279	234	251	103	37	—	33 400	38 700
1970 to 1974	1 952	34	348	384	471	303	120	209	70	8	5	34 400	38 700
1960 to 1969	2 337	72	434	650	496	333	159	137	29	14	13	30 200	34 200
1959 or earlier	2 970	127	669	1 030	652	248	108	89	35	4	8	25 900	29 400
ROOMS													
1 to 3 rooms	71	17	36	18	—	—	—	—	—	—	—	15 500	15 700
4 rooms	1 382	98	556	457	206	48	11	—	6	—	—	20 500	21 800
5 rooms	3 800	141	751	1 321	1 030	338	130	55	26	—	8	26 900	29 100
6 rooms	2 774	41	365	720	734	487	235	168	19	—	5	33 500	35 300
7 rooms	1 477	15	162	261	226	262	185	292	63	5	6	42 900	45 100
8 or more rooms	1 269	5	81	136	193	203	121	259	184	80	7	51 000	56 900
Median	5.5	4.8	5.0	5.2	5.5	6.1	6.4	7.1	7.9	8.5+	6.5	...	...
BEDROOMS													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	315	14	114	132	24	6	12	5	—	—	8	21 700	28 700
2	3 855	190	1 105	1 245	791	331	105	53	26	9	—	24 600	26 700
3	5 170	92	578	1 301	1 358	724	423	511	140	32	11	34 300	38 300
4	1 297	21	133	223	202	235	142	178	112	44	7	42 800	47 800
5 or more	136	—	21	12	14	42	—	27	20	—	—	44 600	47 700
YEAR STRUCTURE BUILT													
1975 to March 1980	524	—	8	6	31	40	79	214	113	33	—	70 000	70 200
1970 to 1974	389	4	12	11	65	37	54	146	56	4	—	61 600	59 100
1960 to 1969	1 698	22	85	285	443	442	235	130	23	20	13	40 200	42 500
1950 to 1959	2 290	15	282	755	674	288	132	111	24	9	—	31 300	34 000
1940 to 1949	1 384	57	304	451	259	188	63	44	18	—	13	26 700	29 900
1939 or earlier	4 488	219	1 260	1 405	917	343	119	129	64	19	—	24 800	28 400
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 063	114	366	307	130	91	29	12	5	9	—	21 600	24 900
\$5,000 to \$9,999	1 374	92	430	486	268	55	22	7	8	—	6	22 800	24 900
\$10,000 to \$12,499	650	23	152	218	142	69	36	10	—	—	—	25 500	28 000
\$12,500 to \$14,999	698	19	173	233	190	56	5	10	12	—	—	25 700	28 000
\$15,000 to \$19,999	1 697	49	330	539	416	169	108	68	18	—	—	28 400	31 100
\$20,000 to \$24,999	1 396	6	172	451	435	136	101	85	5	5	—	31 400	34 200
\$25,000 to \$34,999	2 106	14	211	433	488	459	226	226	42	7	—	38 100	39 800
\$35,000 to \$49,999	1 313	—	81	182	273	250	119	235	153	20	—	43 700	50 000
\$50,000 or more	1 476	—	36	64	47	53	36	121	55	49	15	60 200	63 800
Median	\$19 699	\$7 841	\$12 897	\$16 777	\$20 534	\$26 890	\$26 366	\$33 494	\$41 098	\$53 140	\$53 955	...	...
Mean	\$21 994	\$9 353	\$14 986	\$18 142	\$21 524	\$26 655	\$27 299	\$35 735	\$41 010	\$57 695	\$54 008	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	7 069	109	1 018	1 721	1 678	1 065	541	627	244	58	8	34 000	38 100
Less than 15 percent	3 431	28	475	839	773	610	277	275	127	27	—	35 600	38 300
15 to 19 percent	1 353	19	150	305	357	163	102	189	54	6	8	34 700	41 500
20 to 24 percent	791	27	70	210	210	115	64	71	19	5	—	33 800	37 800
25 to 29 percent	484	8	78	99	139	70	44	23	12	11	—	33 000	36 700
30 to 34 percent	306	4	51	84	64	43	16	38	6	—	—	31 500	36 200
35 percent or more	669	23	186	166	131	64	33	31	26	9	—	28 000	32 900
Not computed	35	—	8	18	4	—	—	—	—	—	—	27 000	28 600
Median	15.3	21.4	16.0	15.2	15.9	13.8	14.8	16.0	14.7	16.7	17.5	...	...
Not mortgaged	3 704	208	933	1 192	711	273	141	147	54	27	18	25 000	29 500
Less than 10 percent	1 604	37	297	500	341	161	92	110	32	17	—	29 000	34 400
10 to 14 percent	771	44	227	231	153	42	20	32	17	—	5	23 900	28 500
15 to 19 percent	456	9	159	185	76	11	5	—	—	—	—	22 200	24 100
20 to 24 percent	211	18	75	59	54	—	—	—	—	—	—	22 200	23 100
25 to 29 percent	189	25	56	82	8	—	—	—	—	—	—	21 600	21 400
30 to 34 percent	139	10	34	38	29	23	5	—	—	—	—	26 700	27 100
35 percent or more	302	56	79	86	50	12	8	—	—	—	—	21 100	25 900
Not computed	32	9	6	11	—	6	—	—	—	—	—	20 400	23 000
Median	11.5	22.6	13.7	12.0	10.5	10—	10—	10—	10—	10—	12.0	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	10 750	313	1 939	2 906	2 389	1 338	682	774	298	85	26	30 800	35 200
1.01 or more persons per room	238	4	87	85	28	18	8	—	—	—	—	13 100	15 100
Lacking complete plumbing for exclusive use	23	4	12	7	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	10 773	317	1 951	2 913	2 389	1 338	682	774	298	85	26	30 800	35 100
Central heating system	9 982	136	1 659	2 699	2 305	1 326	674	774	298	85	26	31 900	36 500
Air conditioning	7 024	24	851	1 689	1 770	1 007	609	696	275	85	18	35 000	39 900
Central system	3 344	15	174	478	727	585	443	571	253	85	13	44 100	49 300
Income in 1979 below poverty level	779	106	272	217	82	49	19	12	13	9	—	20 500	24 900
Percent below poverty level	7.2	33.4	13.9	7.4	3.4	3.7	2.8	1.6	4.4	10.6	—	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## Kokomo city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	6 093	492	553	1 234	1 498	1 275	470	188	107	19	257	219
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	2 095	32	97	366	528	505	232	111	84	13	127	246
15 to 24 years.....	622	14	25	180	174	123	47	16	5	—	38	216
25 to 34 years.....	728	—	19	108	183	219	85	61	21	—	32	257
35 to 44 years.....	275	—	—	28	73	79	37	18	28	6	6	270
45 to 64 years.....	319	6	23	39	46	62	54	10	30	7	42	265
65 years and over.....	151	12	30	11	52	22	9	6	—	—	9	218
Male householder, no wife present.....	1 418	92	142	355	351	338	67	27	19	6	21	216
15 to 24 years.....	297	14	17	98	73	95	—	—	—	—	—	213
25 to 34 years.....	523	7	34	155	141	127	35	—	9	6	9	221
35 to 44 years.....	253	13	8	51	91	47	21	22	—	—	—	232
45 to 64 years.....	194	13	31	32	32	55	11	5	10	—	5	237
65 years and over.....	151	45	52	19	14	—	—	—	—	—	7	128
Female householder, no husband present.....	2 580	368	314	513	619	432	171	50	4	—	109	203
15 to 24 years.....	528	31	73	130	151	66	29	24	—	—	24	206
25 to 34 years.....	646	61	35	113	218	142	61	7	—	—	9	219
35 to 44 years.....	333	28	53	66	90	58	25	13	—	—	—	207
45 to 64 years.....	476	57	62	99	87	113	34	—	4	—	20	204
65 years and over.....	597	191	91	105	73	53	22	6	—	—	56	144
Median age.....	33.1	65.2	47.6	29.5	30.2	31.9	34.0	32.7	38.9	37.9	47.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	3 118	239	184	718	771	732	247	110	74	19	24	222
1975 to 1978.....	1 994	127	181	325	507	472	181	78	26	—	97	231
1970 to 1974.....	607	78	85	102	200	64	21	—	7	—	50	203
1960 to 1969.....	225	48	57	64	16	7	13	—	—	—	20	138
1959 or earlier.....	149	—	46	25	4	—	8	—	—	—	66	148
<b>ROOMS</b>												
1 room.....	119	7	57	13	28	7	7	—	—	—	—	148
2 rooms.....	514	92	74	136	139	73	—	—	—	—	—	178
3 rooms.....	1 448	229	195	565	217	197	7	6	—	7	25	174
4 rooms.....	1 787	59	144	252	540	442	202	56	23	—	69	233
5 rooms.....	1 403	91	78	213	380	309	138	86	23	—	85	236
6 rooms.....	587	14	5	46	132	201	101	7	38	—	43	269
7 or more rooms.....	235	—	—	9	62	46	15	33	23	12	35	279
Median.....	4.0	3.1	3.2	3.3	4.2	4.3	4.6	4.9	5.7	7.7	4.9	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979.....	6 093	492	553	1 234	1 498	1 275	470	188	107	19	257	219
Complete plumbing for exclusive use.....	5 990	483	499	1 201	1 498	1 268	470	188	107	19	257	220
0.50 or less.....	3 634	353	332	713	858	786	249	109	43	—	191	218
0.51 to 1.00.....	2 127	113	150	411	607	435	207	66	57	19	62	223
1.01 to 1.50.....	198	17	17	62	28	36	14	13	7	—	4	201
1.51 or more.....	31	—	—	15	5	11	—	—	—	—	—	202
Lacking complete plumbing for exclusive use.....	103	9	54	33	—	7	—	—	—	—	—	134
0.50 or less.....	45	5	23	10	—	7	—	—	—	—	—	143
0.51 to 1.00.....	44	4	31	9	—	—	—	—	—	—	—	113
1.01 to 1.50.....	14	—	—	14	—	—	—	—	—	—	—	171
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	1 297	281	168	293	261	152	74	—	8	7	53	173
Complete plumbing for exclusive use.....	1 247	277	145	270	261	152	74	—	8	7	53	175
1.01 or more persons per room.....	85	17	—	33	21	6	4	—	—	—	4	171
Lacking complete plumbing for exclusive use.....	50	4	23	23	—	—	—	—	—	—	—	117
1.01 or more persons per room.....	14	—	—	14	—	—	—	—	—	—	—	171
<b>BEDROOMS</b>												
None.....	199	12	73	60	40	7	7	—	—	—	—	155
1.....	2 174	337	310	735	392	307	32	11	9	7	34	177
2.....	2 645	87	139	357	788	686	287	103	34	—	164	240
3.....	908	56	31	82	234	235	119	60	45	12	34	257
4.....	132	—	—	—	36	34	17	14	19	—	12	291
5 or more.....	35	—	—	—	8	6	8	—	—	—	13	288
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	2 262	34	102	390	558	522	261	100	74	12	209	244
2.....	674	27	78	197	188	112	25	29	4	—	14	207
3 and 4.....	967	88	151	388	189	101	—	—	—	7	19	173
5 to 9.....	751	81	108	121	243	131	50	13	5	—	—	210
10 to 49.....	918	141	87	104	172	253	100	35	17	—	9	238
50 or more.....	453	115	20	7	142	145	18	6	—	—	—	236
Mobile home or trailer, etc.....	68	6	7	27	6	11	5	—	—	—	6	176
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	511	105	52	27	99	75	71	48	18	—	16	236
1970 to 1974.....	660	92	12	51	245	197	24	28	5	—	6	235
1960 to 1969.....	1 106	4	41	120	307	363	162	46	38	12	13	260
1950 to 1959.....	876	14	55	182	247	239	81	12	15	—	31	227
1940 to 1949.....	826	93	75	212	182	144	44	25	5	—	46	202
1939 or earlier.....	2 114	184	318	642	418	257	88	29	26	7	145	185
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	5 981	406	535	1 234	1 490	1 275	470	188	107	19	257	220
4 or more.....	112	86	18	—	8	—	—	—	—	—	—	57
With elevator.....	104	86	18	—	—	—	—	—	—	—	—	56
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	1 223	109	148	304	310	233	64	21	34	—	—	207
15 to 19 percent.....	1 162	95	87	216	325	306	91	37	5	—	—	225
20 to 24 percent.....	895	96	63	150	173	244	62	67	34	6	—	239
25 to 29 percent.....	444	64	19	102	100	80	44	24	5	6	—	215
30 to 34 percent.....	411	32	19	59	126	122	41	7	5	—	—	232
35 to 49 percent.....	671	18	107	135	175	118	83	19	16	—	—	217
50 percent or more.....	963	60	103	250	270	167	85	13	8	7	—	215
Not computed.....	324	18	7	18	19	5	—	—	—	—	257	157
Median.....	22.8	21.7	23.0	22.9	23.0	22.0	27.0	22.7	22.1	27.9	—	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	6 093	492	553	1 234	1 498	1 275	470	188	107	19	257	219
Central heating system.....	5 398	445	415	1 018	1 349	1 199	437	188	107	12	228	223
Air conditioning.....	3 057	214	165	340	831	809	323	122	66	19	168	243
Central system.....	1 505	106	71	76	355	417	242	95	49	19	75	262

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Kokomo city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
	12 037	1 196	1 613	753	793	1 883	1 508	2 343	1 432	516	19 364	21 731	
Owner-occupied housing units	12 037	1 196	1 613	753	793	1 883	1 508	2 343	1 432	516	19 364	21 731	897
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	8 284	243	740	462	547	1 317	1 144	2 039	1 316	476	23 648	25 584	279
15 to 24 years	378	6	35	37	31	97	67	83	22	—	19 133	20 270	21
25 to 34 years	1 799	38	61	55	139	377	359	455	267	48	23 061	24 988	55
35 to 44 years	1 760	43	39	22	65	203	273	581	415	119	28 307	29 756	54
45 to 64 years	3 087	95	150	151	159	489	335	869	570	269	26 301	28 238	108
65 years and over	1 260	61	455	197	153	151	110	51	42	40	11 447	15 701	41
Male householder, no wife present	950	131	166	50	49	197	148	136	64	9	16 688	17 821	76
15 to 24 years	60	23	—	10	7	6	7	—	7	—	11 750	13 350	18
25 to 34 years	194	12	17	5	12	72	49	14	13	—	17 090	18 176	5
35 to 44 years	182	12	19	6	—	34	56	45	5	5	21 087	21 759	12
45 to 64 years	291	22	54	17	6	61	29	70	28	4	18 964	21 394	15
65 years and over	223	62	76	12	24	24	7	7	11	—	8 160	10 840	26
Female householder, no husband present	2 803	822	707	241	197	369	216	168	52	31	8 951	11 670	542
15 to 24 years	57	19	13	6	—	13	—	6	—	—	8 906	10 201	24
25 to 34 years	285	36	20	24	20	71	51	49	14	—	18 219	17 680	36
35 to 44 years	273	36	42	32	23	52	34	32	22	—	15 461	16 208	55
45 to 64 years	915	199	178	100	66	165	108	62	16	21	12 012	13 879	169
65 years and over	1 273	532	454	79	88	68	23	19	—	10	5 968	7 830	258
Median age	50.6	67.0	68.4	61.6	57.1	45.6	39.7	43.2	43.9	51.6	...	...	58.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 231	123	94	91	87	221	172	266	109	68	19 989	22 397	141
1975 to 1978	2 850	149	246	152	138	581	455	609	401	119	21 535	23 878	137
1970 to 1974	2 205	121	269	101	143	395	275	431	376	94	21 626	24 134	111
1960 to 1969	2 528	222	323	91	117	356	322	657	348	92	21 872	23 114	167
1959 or earlier	3 223	581	681	318	308	330	284	380	198	143	12 756	16 851	341
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	12 014	1 173	1 613	753	793	1 883	1 508	2 343	1 432	516	19 397	21 767	881
1.01 or more persons per room	261	24	17	8	14	52	32	56	41	17	23 350	24 282	31
Lacking complete plumbing for exclusive use	23	23	—	—	—	—	—	—	—	—	3 487	3 353	16
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	12 037	1 196	1 613	753	793	1 883	1 508	2 343	1 432	516	19 364	21 731	897
Central heating system	11 173	927	1 456	680	734	1 770	1 437	2 247	1 412	510	20 065	22 420	677
Air conditioning	7 905	521	874	432	446	1 243	1 022	1 732	1 174	461	21 970	24 311	378
Central system	3 758	194	315	163	138	559	383	936	733	337	25 977	27 841	154
Vehicles available	11 178	791	1 273	735	770	1 832	1 501	2 328	1 432	516	20 598	22 895	668
1	4 136	573	893	467	430	774	473	382	119	25	13 285	14 649	413
2 or more	7 042	218	380	268	340	1 058	1 028	1 946	1 313	491	25 916	27 737	255
House heating fuel	12 037	1 196	1 613	753	793	1 883	1 508	2 343	1 432	516	19 364	21 731	897
Utility gas	10 897	1 076	1 529	710	736	1 693	1 374	2 102	1 211	466	19 050	21 477	781
Bottled, tank, or LP gas	5	—	—	—	—	5	—	—	—	—	16 250	16 365	—
Electricity	1 005	78	77	43	39	151	113	233	221	50	25 038	25 668	89
Fuel oil, kerosene, etc.	94	37	7	—	13	19	10	8	—	—	13 077	11 705	22
Other	36	5	—	—	5	15	11	—	—	—	16 333	15 704	5
Median rooms	5.5	4.9	5.1	5.1	5.2	5.3	5.5	6.0	6.3	6.7	...	...	5.0
Specified owner-occupied housing units	10 773	1 063	1 374	650	698	1 697	1 396	2 106	1 313	476	19 699	21 994	779
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	7 069	374	576	286	361	1 230	1 037	1 745	1 115	345	23 410	24 997	370
Less than \$200	1 372	126	276	75	119	219	183	223	140	11	16 772	18 214	106
\$200 to \$249	1 673	63	152	89	89	318	251	385	256	70	22 743	24 315	59
\$250 to \$299	1 229	66	90	56	49	240	210	336	164	18	22 378	23 251	78
\$300 to \$349	868	51	36	35	47	171	124	272	81	51	23 714	25 076	51
\$350 to \$399	635	28	8	12	21	137	138	167	96	28	23 865	26 399	28
\$400 to \$499	792	31	6	13	25	113	101	250	189	64	29 267	29 840	31
\$500 to \$599	264	5	8	—	11	26	18	75	108	13	33 546	32 838	13
\$600 to \$749	170	4	—	6	—	6	12	25	60	57	38 994	45 985	4
\$750 or more	66	—	—	—	—	—	—	12	21	33	41 343	57 788	—
Median	\$270	\$248	\$204	\$238	\$235	\$266	\$270	\$289	\$299	\$390	...	...	\$263
Not mortgaged	3 704	689	798	364	337	467	359	361	198	131	12 507	16 262	409
Less than \$50	16	16	—	—	—	—	—	—	—	—	3 182	2 988	10
\$50 to \$74	280	148	64	22	12	9	22	3	—	—	4 828	7 200	94
\$75 to \$99	976	216	336	97	69	104	79	45	25	5	9 135	11 954	88
\$100 to \$124	1 258	173	281	136	165	164	130	122	60	27	13 091	15 762	109
\$125 to \$149	585	76	38	66	45	117	66	109	46	22	18 066	20 294	51
\$150 to \$199	451	46	60	38	39	61	52	57	61	37	17 261	21 977	43
\$200 to \$249	83	7	5	—	—	12	10	25	6	18	27 917	34 936	7
\$250 or more	55	7	14	5	7	—	—	—	—	22	13 036	36 171	7
Median	\$112	\$96	\$100	\$112	\$113	\$118	\$115	\$127	\$133	\$166	...	...	\$103
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	7 069	374	576	286	361	1 230	1 037	1 745	1 115	345	23 410	24 997	370
Less than 15 percent	3 431	—	19	28	44	350	525	1 239	915	311	30 281	32 930	—
15 to 19 percent	1 353	—	22	16	132	339	290	364	156	34	22 843	24 792	—
20 to 24 percent	791	—	78	92	62	279	148	103	29	—	17 861	18 697	4
25 to 29 percent	484	—	112	73	54	160	49	21	15	—	15 081	15 249	9
30 to 34 percent	306	—	124	35	33	83	13	18	—	—	12 071	13 282	—
35 percent or more	669	339	221	42	36	19	12	—	—	—	4 947	6 005	322
Not computed	35	35	—	—	—	—	—	—	—	—	2500—	—2 041	35
Median	15.3	50+	32.3	25.5	20.4	18.9	14.9	12.6	10—	10—	...	...	50+
Not mortgaged	3 704	689	798	364	337	467	359	361	198	131	12 507	16 262	409
Less than 10 percent	1 604	—	9	72	152	343	338	361	198	131	23 323	27 402	7
10 to 14 percent	771	—	272	209	157	112	21	—	—	—	11 358	11 726	7
15 to 19 percent	456	41	304	78	21	12	—	—	—	—	7 641	8 093	18
20 to 24 percent	211	103	108	—	—	—	—	—	—	—	5 069	5 127	39
25 to 29 percent	189	120	69	—	—	—	—	—	—	—	4 450	4 927	39
30 to 34 percent	139	112	15	5	7	—	—	—	—	—	3 937	4 756	35
35 percent or more	302	281	21	—	—	—	—	—	—	—	3 234	3 008	232
Not computed	32	32	—	—	—	—	—	—	—	—	2500—	—1 019	32
Median	11.5	32.9	16.9	12.6	10.5	10—	10—	10—	10—	10—	...	...	40.4

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## Kokomo city

Kokomo city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	6 203	1 441	1 390	677	540	937	645	409	117	47	10 999	12 817	1 324
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 135	168	420	342	128	415	319	244	76	23	15 116	16 702	260
15 to 24 years	629	68	225	128	55	93	41	9	5	5	10 420	11 818	123
25 to 34 years	740	26	76	116	56	225	151	84	6	—	17 400	17 412	57
35 to 44 years	283	22	27	47	6	26	53	68	31	3	20 912	20 676	41
45 to 64 years	327	21	45	25	5	46	62	79	29	15	21 920	23 432	27
65 years and over	156	31	47	26	6	25	12	4	5	—	10 000	11 708	12
Male householder, no wife present	1 448	228	276	155	161	248	214	119	23	24	13 509	14 679	164
15 to 24 years	302	59	75	54	33	23	32	14	12	—	10 787	11 983	59
25 to 34 years	534	43	78	65	68	128	98	48	6	—	15 722	15 541	29
35 to 44 years	253	45	12	6	46	45	49	37	—	13	16 326	17 599	36
45 to 64 years	202	22	34	23	—	52	35	20	5	11	17 973	19 102	20
65 years and over	157	59	77	7	14	—	—	—	—	—	5 956	6 536	20
Female householder, no husband present	2 620	1 045	694	180	251	274	112	46	18	—	6 815	8 623	900
15 to 24 years	528	255	156	26	24	40	11	16	—	—	5 253	6 965	278
25 to 34 years	652	176	137	77	115	99	35	6	7	—	10 422	10 131	203
35 to 44 years	333	56	117	27	46	51	10	19	7	—	9 729	11 956	77
45 to 64 years	487	200	85	38	48	69	38	5	4	—	8 147	9 665	146
65 years and over	620	358	199	12	18	15	18	—	—	—	4 574	5 839	196
Median age	33.2	40.4	33.1	29.4	30.8	31.0	33.3	37.4	39.3	45.9	...	...	30.8
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 169	802	797	356	269	457	271	157	47	13	9 895	11 682	840
1975 to 1978	2 020	372	365	230	163	357	270	185	54	24	13 160	14 743	307
1970 to 1974	618	142	126	66	86	79	74	33	12	—	11 553	12 397	111
1960 to 1969	241	70	58	25	22	19	21	16	—	10	9 395	13 418	32
1959 or earlier	155	55	44	—	—	25	9	18	4	—	6 520	11 673	34
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 100	1 380	1 368	672	540	937	630	409	117	47	11 124	12 916	1 274
0.50 or less	3 703	951	890	334	329	553	359	190	60	37	10 079	12 245	657
0.51 to 1.00	2 168	360	467	308	199	341	250	190	43	10	12 086	13 876	532
1.01 to 1.50	198	50	11	30	5	43	21	24	14	—	15 326	15 283	66
1.51 or more	31	19	—	—	7	—	—	5	—	—	4 375	10 699	19
Lacking complete plumbing for exclusive use	103	61	22	5	—	—	15	—	—	—	4 435	6 987	50
0.50 or less	45	20	10	—	—	—	15	—	—	—	8 125	11 241	9
0.51 to 1.00	44	27	12	5	—	—	—	—	—	—	4 219	4 236	27
1.01 to 1.50	14	14	—	—	—	—	—	—	—	—	2500—	1 961	14
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	6 203	1 441	1 390	677	540	937	645	409	117	47	10 999	12 817	1 324
Central heating system	5 488	1 217	1 190	594	475	854	607	397	112	42	11 418	13 211	1 104
Air conditioning	3 128	577	720	323	228	557	407	222	65	29	12 067	13 963	469
Central system	1 537	260	341	203	94	248	204	119	46	22	12 063	14 849	198
Vehicles available	5 109	733	1 127	640	502	930	609	409	117	42	12 771	14 354	769
1	3 362	642	944	429	308	515	356	119	30	19	10 554	11 964	608
2 or more	1 747	91	183	211	194	415	253	290	87	23	17 283	18 954	161
House heating fuel	6 203	1 441	1 390	677	540	937	645	409	117	47	10 999	12 817	1 324
Utility gas	4 709	1 078	1 131	532	421	633	458	328	93	35	10 684	12 713	1 059
Bottled, tank, or LP gas	1 444	30	7	—	—	—	—	7	—	—	3 571	5 748	22
Electricity	1 358	301	222	138	119	304	170	68	24	12	12 878	13 580	221
Fuel oil, kerosene, etc.	61	12	19	7	—	—	17	6	—	—	9 750	13 021	12
Other	31	20	11	—	—	—	—	—	—	—	4 250	4 825	10
Median rooms	4.1	3.4	3.9	4.2	4.1	4.3	4.6	5.0	4.6	4.1	...	...	3.8
Specified renter-occupied housing units													
6 093	1 410	1 357	666	534	931	640	400	112	43	11 049	12 798	1 297	
CONTRACT RENT													
Less than \$100	779	467	173	49	38	6	22	24	—	—	4 345	6 150	388
\$100 to \$149	1 208	251	343	157	101	150	150	50	6	—	10 159	11 678	222
\$150 to \$199	1 952	396	444	233	233	307	167	125	39	8	11 459	12 655	390
\$200 to \$249	1 403	211	304	154	96	306	175	127	23	7	13 346	14 301	239
\$250 to \$299	372	19	30	50	56	109	73	12	11	12	16 761	18 308	5
\$300 to \$349	80	—	5	—	—	10	25	11	21	8	25 000	34 533	—
\$350 to \$399	30	—	—	—	—	—	4	11	12	3	35 000	35 209	—
\$400 to \$499	6	—	—	—	—	—	—	—	—	—	26 250	27 110	—
\$500 or more	6	—	—	—	—	—	—	6	—	—	30 468	30 725	—
No cash rent	257	66	58	23	10	43	24	28	—	5	10 489	12 988	53
Median	\$170	\$140	\$163	\$176	\$172	\$196	\$185	\$189	\$225	\$267	...	...	\$151
GROSS RENT													
Less than \$100	492	349	107	23	7	—	6	—	—	—	3 866	4 313	281
\$100 to \$149	553	231	166	35	47	17	32	25	—	—	6 458	8 490	168
\$150 to \$199	1 234	349	305	168	117	139	113	28	15	—	9 477	10 489	293
\$200 to \$249	1 498	262	376	177	179	242	145	88	22	7	11 568	12 757	261
\$250 to \$299	1 275	83	239	164	114	343	193	107	24	8	15 565	15 771	152
\$300 to \$349	470	55	87	61	39	74	65	70	13	6	14 551	16 861	74
\$350 to \$399	188	—	19	8	12	63	41	24	15	6	19 565	21 821	—
\$400 to \$499	107	8	—	7	9	10	21	18	23	11	24 712	30 586	8
\$500 or more	19	7	—	—	—	—	—	12	—	—	26 042	19 183	7
No cash rent	257	66	58	23	10	43	24	28	—	5	10 489	12 988	53
Median	\$219	\$164	\$207	\$225	\$219	\$258	\$253	\$270	\$270	\$333	...	...	\$173
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 223	13	66	44	95	180	382	293	112	38	22 321	24 276	32
15 to 19 percent	1 162	60	108	122	207	431	180	54	—	—	16 105	15 714	63
20 to 24 percent	895	84	165	185	156	232	54	19	—	—	12 716	12 750	58
25 to 29 percent	444	64	169	126	39	40	—	6	—	—	9 788	9 957	41
30 to 34 percent	411	51	223	119	13	5	—	—	—	—	8 949	8 648	19
35 to 49 percent	671	208	402	47	14	—	—	—	—	—	6 285	6 609	167
50 percent or more	963	797	166	—	—	—	—	—	—	—	2 880	3 055	797
Not computed	324	133	58	23	10	43	24	28	—	5	6 726	10 086	120
Median	22.8	50+	33.2	24.2	19.0	18.1	13.8	11.9	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Kokomo city

Specified owner-occupied housing units -----

PERSONS IN UNIT

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	7 069	1 372	1 673	1 229	868	635	792	264	170	66	270
1 person -----	675	271	153	103	65	24	49	4	6	—	222
2 persons -----	1 984	527	453	357	174	139	191	69	55	19	252
3 persons -----	1 524	264	379	241	233	168	148	63	23	5	275
4 persons -----	1 580	183	443	287	158	193	189	52	53	22	279
5 persons -----	772	88	178	150	142	57	76	48	21	12	290
6 persons -----	339	39	61	48	53	34	71	13	12	8	320
7 persons -----	113	—	—	17	30	13	38	15	—	—	387
8 or more persons -----	82	—	6	26	13	7	30	—	—	—	335
Median -----	3.07	2.29	3.11	3.14	3.34	3.42	3.54	3.44	3.52	3.91	...

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families -----	5 520	924	1 278	942	659	559	702	236	154	66	280
15 to 24 years -----	336	31	48	77	96	18	49	12	—	5	306
25 to 34 years -----	1 531	109	302	282	215	261	198	99	43	22	317
35 to 44 years -----	1 538	172	407	251	174	133	262	62	59	18	288
45 to 64 years -----	1 863	472	484	293	169	141	187	63	41	13	247
65 years and over -----	252	140	37	39	5	6	6	—	11	8	193
Male householder, no wife present -----	447	126	135	57	50	25	48	—	6	—	236
15 to 24 years -----	35	5	10	—	14	—	6	—	—	—	309
25 to 34 years -----	134	23	28	20	6	18	33	—	6	—	290
35 to 44 years -----	114	45	33	11	18	7	—	—	—	—	218
45 to 64 years -----	148	37	64	26	12	—	9	—	—	—	229
65 years and over -----	16	16	—	—	—	—	—	—	—	—	156
Female householder, no husband present -----	1 102	322	260	230	159	51	42	28	10	—	244
15 to 24 years -----	32	11	7	11	6	8	—	—	—	—	291
25 to 34 years -----	236	30	56	83	45	20	16	5	—	—	281
35 to 44 years -----	216	30	69	61	26	17	8	5	—	—	257
45 to 64 years -----	424	137	99	70	70	6	18	14	10	—	238
65 years and over -----	194	144	29	5	12	—	—	4	—	—	179
Median age -----	40.8	52.7	41.1	38.5	36.9	34.8	37.9	37.2	40.0	40.0	...

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980 -----	914	61	78	195	147	109	166	64	61	33	342
1975 to 1978 -----	2 195	212	405	444	328	283	303	114	81	25	306
1970 to 1974 -----	1 574	239	473	273	212	136	180	44	17	—	264
1960 to 1969 -----	1 650	501	574	237	143	77	86	21	11	—	228
1959 or earlier -----	736	359	143	80	38	30	57	21	—	8	203

ROOMS

1 to 3 rooms -----	24	4	14	6	—	—	—	—	—	—	229
4 rooms -----	566	260	148	60	66	19	13	—	—	—	208
5 rooms -----	2 245	681	647	379	211	119	141	40	13	14	234
6 rooms -----	2 014	272	562	445	291	248	132	53	6	5	269
7 rooms -----	1 144	117	153	177	159	144	289	51	43	11	339
8 or more rooms -----	1 076	38	149	162	141	105	217	120	108	36	373
Median -----	5.8	5.1	5.5	5.9	6.0	6.2	6.9	7.3	7.8	7.7	...

YEAR STRUCTURE BUILT

1975 to March 1980 -----	466	6	8	34	21	25	138	100	108	26	501
1970 to 1974 -----	345	28	36	40	35	45	81	51	23	6	387
1960 to 1969 -----	1 487	152	455	230	239	192	161	37	9	12	280
1950 to 1959 -----	1 708	435	393	367	217	120	138	20	18	—	254
1940 to 1949 -----	770	187	230	130	102	83	26	6	—	6	243
1939 or earlier -----	2 293	564	551	428	254	170	248	50	12	16	254

VALUE

Less than \$10,000 -----	109	64	19	15	11	—	—	—	—	—	191
\$10,000 to \$19,999 -----	1 018	377	331	170	72	26	42	—	—	—	220
\$20,000 to \$29,999 -----	1 721	494	438	384	222	107	71	5	—	—	242
\$30,000 to \$39,999 -----	1 678	258	535	286	236	165	169	16	13	—	258
\$40,000 to \$49,999 -----	1 065	145	257	160	166	120	172	45	—	—	291
\$50,000 to \$59,999 -----	541	21	57	120	77	125	85	45	11	—	347
\$60,000 to \$79,999 -----	627	7	30	87	60	73	191	101	68	11	425
\$80,000 to \$99,999 -----	244	—	6	7	24	19	57	42	51	31	505
\$100,000 to \$149,999 -----	58	—	—	—	—	—	5	10	27	16	678
\$150,000 or more -----	8	—	—	—	—	—	—	—	—	8	750+
Median -----	\$34 000	\$24 800	\$30 900	\$31 400	\$35 200	\$41 800	\$47 100	\$64 200	\$79 300	\$95 000	...

SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent -----	3 431	862	1 098	609	362	181	213	50	43	13	239
15 to 19 percent -----	1 353	118	239	247	178	169	236	95	51	20	320
20 to 24 percent -----	791	109	93	142	143	115	111	44	18	16	318
25 to 29 percent -----	484	66	74	64	51	95	93	12	24	5	337
30 to 34 percent -----	306	48	55	32	36	27	57	33	6	12	325
35 percent or more -----	669	155	114	129	88	43	82	30	28	—	275
Not computed -----	35	14	—	6	10	5	—	—	—	—	279
Median -----	15.3	12.4	12.6	15.1	16.9	19.0	18.9	19.3	19.1	20.0	...

SELECTED CHARACTERISTICS

Heating equipment -----	7 069	1 372	1 673	1 229	868	635	792	264	170	66	270
Steam or hot water system -----	290	7	66	61	28	53	46	7	—	22	320
Central warm-air furnace or electric heat pump -----	5 760	1 083	1 411	994	724	507	641	201	160	39	269
Other built-in electric units -----	313	33	33	27	42	32	80	51	10	5	384
Floor, wall, or pipeless furnace -----	349	136	65	89	39	13	7	—	—	—	230
Other means -----	357	113	98	58	35	30	18	5	—	—	233
Air conditioning -----	4 800	826	1 084	780	580	448	641	219	164	58	281
Central system -----	2 335	275	421	301	306	233	405	177	159	58	328
1 or more individual room units -----	2 465	551	663	479	274	215	236	42	5	—	252
House heating fuel -----	7 069	1 372	1 673	1 229	868	635	792	264	170	66	270
Utility gas -----	6 381	1 307	1 600	1 176	790	555	623	176	98	56	262
Bottled, tank, or LP gas -----	—	—	—	—	—	—	—	—	—	—	—
Electricity -----	640	52	57	53	67	72	169	88	72	10	410
Fuel oil, kerosene, etc. -----	12	—	6	—	6	—	—	—	—	—	275
Other -----	36	13	10	—	5	8	—	—	—	—	225

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

**Kokomo city**

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b>	<b>3 704</b>	<b>16</b>	<b>280</b>	<b>976</b>	<b>1 258</b>	<b>585</b>	<b>451</b>	<b>83</b>	<b>55</b>	<b>112</b>
<b>PERSONS IN UNIT</b>										
1 person	1 259	16	184	441	399	100	92	12	15	99
2 persons	1 679	—	65	380	631	288	248	46	21	116
3 persons	497	—	25	102	151	144	38	25	12	120
4 persons	146	—	6	32	36	33	32	—	7	124
5 persons	61	—	—	—	28	12	21	—	—	130
6 persons	35	—	—	14	9	—	12	—	—	110
7 persons	27	—	—	7	4	8	8	—	—	133
8 or more persons	—	—	—	—	—	—	—	—	—	—
Median	1.85	1.00	1.26	1.62	1.86	2.17	2.04	2.14	2.10	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b>	<b>2 050</b>	<b>—</b>	<b>93</b>	<b>466</b>	<b>681</b>	<b>383</b>	<b>323</b>	<b>64</b>	<b>40</b>	<b>117</b>
15 to 24 years	6	—	—	6	—	—	—	—	—	88
25 to 34 years	63	—	13	10	12	15	8	5	—	118
35 to 44 years	126	—	—	19	34	21	46	6	—	137
45 to 64 years	954	—	41	174	271	233	198	14	23	124
65 years and over	901	—	39	257	364	114	71	39	17	111
<b>Male householder, no wife present</b>	<b>282</b>	<b>5</b>	<b>17</b>	<b>92</b>	<b>108</b>	<b>34</b>	<b>26</b>	<b>—</b>	<b>—</b>	<b>106</b>
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	17	—	—	10	7	—	—	—	—	96
35 to 44 years	44	—	—	11	29	4	—	—	—	109
45 to 64 years	77	5	—	30	24	6	12	—	—	104
65 years and over	144	—	17	41	48	24	14	—	—	107
<b>Female householder, no husband present</b>	<b>1 372</b>	<b>11</b>	<b>170</b>	<b>418</b>	<b>469</b>	<b>168</b>	<b>102</b>	<b>19</b>	<b>15</b>	<b>105</b>
15 to 24 years	6	—	—	—	6	—	—	—	—	113
25 to 34 years	7	—	7	—	—	—	—	—	—	63
35 to 44 years	23	5	—	7	11	—	—	—	—	98
45 to 64 years	401	—	5	110	162	72	40	12	—	113
65 years and over	935	6	158	301	290	96	62	7	15	100
Median age	66.1	63.0	73.0	68.1	66.6	62.3	61.8	65.9	74.5	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980	148	—	27	17	38	33	33	—	—	120
1975 to 1978	257	10	28	60	62	49	34	5	9	112
1970 to 1974	378	—	6	80	128	85	66	13	—	120
1960 to 1969	687	—	42	168	239	84	115	20	19	114
1959 or earlier	2 234	6	177	651	791	334	203	45	27	109
<b>ROOMS</b>										
1 to 3 rooms	47	—	18	19	—	—	10	—	—	82
4 rooms	816	10	129	261	277	76	49	7	7	101
5 rooms	1 555	6	76	516	558	219	156	12	12	108
6 rooms	760	—	37	145	268	166	134	10	—	118
7 rooms	333	—	20	30	106	76	47	29	25	128
8 or more rooms	193	—	—	5	49	48	55	25	11	147
Median	5.1	4.3	4.4	4.9	5.1	5.5	5.6	6.9	6.8	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980	58	—	7	11	—	21	19	—	—	138
1970 to 1974	44	—	7	—	10	6	17	—	4	146
1960 to 1969	211	—	24	31	38	52	36	6	24	131
1950 to 1959	582	—	47	149	164	89	113	20	—	114
1940 to 1949	614	5	43	182	223	97	45	12	7	109
1939 or earlier	2 195	11	152	603	823	320	221	45	20	110
<b>VALUE</b>										
Less than \$10,000	208	—	34	64	55	34	21	—	—	103
\$10,000 to \$19,999	933	10	150	273	277	132	72	12	7	103
\$20,000 to \$29,999	1 192	6	83	419	446	122	106	5	5	105
\$30,000 to \$39,999	711	—	6	146	335	113	96	7	8	115
\$40,000 to \$49,999	273	—	—	56	95	85	12	18	7	121
\$50,000 to \$59,999	141	—	7	18	26	40	40	10	—	137
\$60,000 to \$79,999	147	—	—	—	18	54	63	6	6	151
\$80,000 to \$99,999	54	—	—	—	6	5	35	8	—	173
\$100,000 to \$149,999	27	—	—	—	—	—	6	12	9	231
\$150,000 or more	18	—	—	—	—	—	—	5	13	250+
Median	\$25 000	\$16 500	\$16 100	\$22 200	\$26 500	\$30 500	\$32 100	\$44 900	\$65 400	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent	1 604	—	77	377	574	309	196	49	22	115
10 to 14 percent	771	—	55	236	258	122	90	10	—	109
15 to 19 percent	456	11	30	141	140	63	59	12	—	108
20 to 24 percent	211	5	50	54	81	9	12	—	—	98
25 to 29 percent	189	—	34	53	65	6	26	5	—	103
30 to 34 percent	139	—	18	53	35	6	15	—	12	99
35 percent or more	302	—	16	56	88	70	44	7	21	122
Not computed	32	—	—	6	17	—	9	—	—	115
Median	11.5	18.6	16.3	12.3	10.9	10—	11.4	10—	32.3	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b>	<b>3 704</b>	<b>16</b>	<b>280</b>	<b>976</b>	<b>1 258</b>	<b>585</b>	<b>451</b>	<b>83</b>	<b>55</b>	<b>112</b>
Steam or hot water system	160	—	—	13	55	33	40	19	—	134
Central warm-air furnace or electric heat pump	2 815	6	154	716	1 012	458	364	50	55	113
Other built-in electric units	49	—	7	19	18	—	5	—	—	98
Floor, wall, or pipeless furnace	246	5	34	89	57	30	24	7	—	98
Other means	434	5	85	139	116	64	18	7	—	98
<b>Air conditioning</b>	<b>2 224</b>	<b>5</b>	<b>84</b>	<b>524</b>	<b>809</b>	<b>381</b>	<b>309</b>	<b>71</b>	<b>41</b>	<b>115</b>
Central system	1 009	—	19	117	397	209	187	47	33	123
1 or more individual room units	1 215	5	65	407	412	172	122	24	8	108
<b>House heating fuel</b>	<b>3 704</b>	<b>16</b>	<b>280</b>	<b>976</b>	<b>1 258</b>	<b>585</b>	<b>451</b>	<b>83</b>	<b>55</b>	<b>112</b>
Utility gas	3 511	16	256	933	1 196	556	428	71	55	112
Bottled, tank, or LP gas	—	—	—	—	—	—	—	—	—	—
Electricity	136	—	20	32	39	22	23	—	—	110
Fuel oil, kerosene, etc.	57	—	4	11	23	7	—	12	—	115
Other	—	—	—	—	—	—	—	—	—	—

Table B — 7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Kokomo city

Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	8 284	545	438	1 504	2 767	3 030
15 to 24 years	378	26	13	101	145	93
25 to 34 years	1 799	172	140	361	582	544
35 to 44 years	1 760	163	109	423	529	536
45 to 64 years	3 087	154	166	534	1 124	1 109
65 years and over	1 260	30	10	85	387	748
Male householder, no wife present	950	46	82	104	269	449
15 to 24 years	60	—	25	7	11	8
25 to 34 years	194	20	16	23	66	69
35 to 44 years	182	8	14	22	49	89
45 to 64 years	291	18	10	36	94	133
65 years and over	2 223	—	17	16	43	147
Female householder, no husband present	2 803	96	117	279	869	1 442
15 to 24 years	57	—	6	12	31	8
25 to 34 years	285	19	24	50	97	100
35 to 44 years	273	12	12	54	95	100
45 to 64 years	915	55	30	97	315	418
65 years and over	1 273	10	45	66	331	821
Median age	50.6	39.8	40.9	42.2	51.1	57.2

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	1 231	260	83	195	324	369
1975 to 1978	2 850	427	176	521	751	975
1970 to 1974	2 205	—	378	420	675	732
1960 to 1969	2 528	—	—	751	821	956
1959 or earlier	3 223	—	—	—	1 334	1 889

ROOMS

1 room	5	—	—	—	—	5
2 rooms	15	—	6	5	4	—
3 rooms	1 157	—	10	22	62	63
4 rooms	1 757	84	169	115	671	718
5 rooms	4 186	127	141	585	1 656	1 677
6 rooms	3 002	92	103	643	967	1 197
7 or more rooms	2 915	384	208	517	545	1 261
Median	5.5	6.7	5.4	5.8	5.2	5.5

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	12 014	687	637	1 887	3 901	4 902
0.50 or less	7 941	496	406	1 012	2 500	3 527
0.51 to 1.00	3 812	191	231	837	1 299	1 254
1.01 to 1.50	242	—	—	38	83	121
1.51 or more	19	—	—	—	19	—
Lacking complete plumbing for exclusive use	23	—	—	—	4	19
0.50 or less	23	—	—	—	4	19
0.51 to 1.00	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—

PERSONS IN UNIT

1 person	2 265	96	115	161	683	1 210
2 persons	4 192	224	225	529	1 497	1 717
3 persons	2 191	133	101	480	685	792
4 persons	1 862	137	127	433	617	548
5 persons	882	63	51	172	274	322
6 or more persons	645	34	18	112	149	332
Median	2.40	2.68	2.40	3.03	2.35	2.23
Total persons	33 574	2 082	1 787	6 002	10 687	13 016

UNITS IN STRUCTURE

1, detached or attached	11 331	562	431	1 769	3 842	4 727
2	170	6	9	11	26	118
3 and 4	92	7	13	6	7	59
5 to 9	30	—	—	12	6	12
10 to 49	8	—	8	—	—	—
50 or more	12	—	—	—	7	5
Mobile home or trailer, etc.	394	112	176	89	17	—

SELECTED CHARACTERISTICS

Heating equipment	12 037	687	637	1 887	3 905	4 921
Steam or hot water system	530	—	—	121	101	308
Central warm-air furnace or electric heat pump	9 588	537	497	1 586	3 219	3 749
Other built-in electric units	423	136	113	49	52	73
Floor, wall, or pipeless furnace	632	6	17	78	281	250
Other means	864	8	10	53	252	541
Air conditioning	7 905	592	553	1 403	2 577	2 780
Central system	3 758	574	457	770	1 137	820
1 or more individual room units	4 147	18	96	633	1 440	1 960
House heating fuel	12 037	687	637	1 887	3 905	4 921
Utility gas	10 897	259	367	1 758	3 763	4 750
Bottled, tank, or LP gas	5	—	—	5	—	—
Electricity	1 005	428	270	92	108	107
Fuel oil, kerosene, etc.	94	—	—	14	29	51
Other	36	—	—	18	5	13
Income in 1979 below poverty level	897	39	43	83	283	449
Percent below poverty level	7.5	5.7	6.8	4.4	7.2	9.1

HOUSEHOLD INCOME IN 1979

Less than \$5,000	1 196	17	55	97	362	665
\$5,000 to \$9,999	1 613	53	55	112	474	919
\$10,000 to \$12,999	753	6	28	87	261	371
\$12,500 to \$14,999	793	29	22	79	255	408
\$15,000 to \$19,999	1 883	91	78	340	672	702
\$20,000 to \$24,999	1 508	84	55	256	538	575
\$25,000 to \$34,999	2 343	134	153	568	726	762
\$35,000 to \$49,999	1 432	189	147	296	454	346
\$50,000 or more	516	84	44	52	163	173
Median	\$19 364	\$28 398	\$26 250	\$24 412	\$19 352	\$15 643
Mean	\$21 731	\$32 188	\$26 445	\$24 882	\$21 553	\$18 594

Owner-occupied housing units						Renter-occupied housing units					
Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
12 037	687	637	1 887	3 905	4 921	6 203	516	678	1 126	1 726	2 157
8 284	545	438	1 504	2 767	3 030	2 135	144	193	366	674	758
378	26	13	101	145	93	629	49	51	99	256	174
1 799	172	140	361	582	544	740	46	89	120	209	276
1 760	163	109	423	529	536	283	5	30	56	88	104
3 087	154	166	534	1 124	1 109	327	5	23	53	106	140
1 260	30	10	85	387	748	156	39	—	38	15	64
950	46	82	104	269	449	1 448	126	124	310	404	484
60	—	25	7	17	11	302	20	14	52	115	101
194	20	16	23	66	69	534	43	49	108	188	146
182	8	14	22	49	89	253	44	36	67	50	56
291	18	10	36	94	133	202	10	19	48	39	86
223	—	17	16	43	147	157	9	6	35	12	95
2 803	96	117	279	869	1 442	2 620	246	361	450	648	915
57	—	6	12	31	8	528	57	36	96	162	177
285	19	24	50	97	95	652	68	60	121	210	193
273	12	12	54	95	100	333	33	42	86	52	120
915	55	30	97	315	418	487	55	69	83	115	165
1 273	10	45	66	331	821	620	33	154	64	109	260
50.6	39.8	40.9	42.2	51.1	57.2	33.2	29.9	38.5	34.0	29.8	35.3
1 231	260	83	195	324	369	3 169	379	309	550	935	996
2 850	427	176	521	751	975	2 020	137	275	440	549	619
2 205	—	378	420	675	732	618	—	94	118	150	256
2 528	—	—	751	821	956	241	—	—	18	64	159
3 223	—	—	—	1 334	1 889	155	—	—	—	28	127
5	—	—	—	—	5	119	7	9	41	—	62
15	—	6	5	4	—	520	63	82	130	84	161
157	—	10	22	62	63	1 465	96	208	207	421	533
1 757	84	169	115	671	718	1 813	169	227	430	457	530
4 186	127	141	585	1 656	1 677	1 448	157	133	191	460	507
3 002	92	103	643	967	1 197	591	18	19	84	224	246
2 915	384	208	517	545	1 261	247	6	—	43	80	118
5.5	6.7	5.4	5.8	5.2	5.5	4.1	4.0	3.7	3.9	4.3	4.1
12 014	687	637	1 887	3 901	4 902	6 100	511	678	1 115	1 722	2 074
7 941	496	406	1 012	2 500	3 527	3 703	389	438	721	939	1 216
3 812	191	231	837	1 299	1 254	2 168	122	216	374	729	727
242	—	—	38	83	121	198	—	13	20	54	111
19	—	—	—	19	—	31	—	11	—	—	20
23	—	—	—	4	19	103	5	—	11	4	83
23	—	—	—	4	19	45	5	—	11	—	29
—	—	—	—	—	—	44	—	—	—	4	40
—	—	—	—	—	—	14	—	—	—	—	14
—	—	—	—	—	—	—	—	—	—	—	—
2 265	96	115	161	683	1 210	2 538	246	331	529	533	899
4 192	224	225	529	1 497	1 717	1 487	159	141	244	405	538
2 191	133	101	480	685	792	1 007	74	108	180	382	263
1 862	137	127	433	617	548	713	31	84	107	270	221
882	63	51	172	274	322	259	6	14	34	99	106
645	34	18	112	149	332	199	—	—	32	37	130
2.40	2.68	2.40	3.03	2.35	2.23	1.88	1.58	1.56	1.64	2.31	1.83
33 574	2 082	1 787	6 002	10 687	13 016	13 668	833	1 262	2 213	4 296	5 064
11 331	562	431	1 769	3 842	4 727	2 372	99	94	271	1 013	895
170	6	9	11	26	118	674	34	22	15	234	369
92	7	13	6	7	59	967	38	79	86	252	512
30	—	—	12	6	12	751	44	169	230	87	221
8	—	8	—	—	—	918	216	75	395	106	126
12	—	—	—	7	5	453	69	217	111	22	34
394	112	176	89	17	—	68	16	22	18	12	—
12 037	687	637	1 887	3 905	4 921	6 203	516	678	1 126	1 726	2 157
530	—	—	121	101	308	587	—	—	40	128	419
9 588	537	497	1 586	3 219	3 749	3 775	367	339	774	1 106	1 189
423	136	113	49	52	73	780	131	328	218	42	61
632	6	17	78	281	250	346	10	11	21	177	127
864	8	10	53	252	541	715	8	—	73	273	361
7 905	592	553	1 403	2 577	2 780	3 128	464	603	928	636	497
3 758	574	457	770	1 137	820	1 537	341	331	616	157	92
4 147	18	96	633	1 440	1 960	1 591	123	272	312	479	405
12 037	687	637	1 887	3 905	4 921	6 203	516	678	1 126	1 726	2 157
10 897	259	367	1 758	3 763	4 750	4 709	248	248	682	1 529	2 002
5	—	—	5	—	—	44	21	—	—	14	9
1 005	428	270	92	108	107	1 358	247	430	428	138	115
94	—	—	14	29	51	61	—	—	16	30	10
36	—	—	18	5	13	31	—	—	—	15	16
897	39	43	83	283	449	1 324	119	129	92	432	552
7.5	5.7	6.8	4.4	7.2	9.1	21.3	23.1	19.0	8.2	25.0	25.6
1 196	17	55	97	362	665	1 441	144	182	123	365	627
1 613	53	55	112	474	919	1 390	107	92	290	409	492
753	6	28	87	261	371	677	52	91	119	171	244
793	29	22	79	255	408	540	44	39	85	142	230
1 883	91	78	340	672	702	937	62	131	236	256	252
1 508	84	55	256	538	575	645	64	95	117	214	155
2 343	134	153	568	726	762	409	33	35	86	122	133
1 432	189	147	296	454	346	117	10	7	47	34	19
516	84	44	52	163	173	47	—	6	23	13	5
\$19 364	\$28 398	\$26 250	\$24 412	\$19 352	\$15 643	\$10 999	\$10 337	\$11 786	\$13 412	\$11 301	\$9 603
\$21 731	\$32 188	\$26 445	\$24 882	\$21 553	\$18 594	\$12 817	\$11 601	\$13 139	\$16 039	\$13 005	\$11 175



Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## Kokomo city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	12 037	11 331	312	394	6 203	2 372	674	967	751	918	453	68
Condominium housing units	72	40	32	-	80	6	-	12	31	19	12	-
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	8 284	7 930	172	182	2 135	1 127	290	199	192	249	61	17
15 to 24 years	378	350	4	24	629	291	93	97	46	80	5	17
25 to 34 years	1 799	1 658	66	75	740	409	133	51	58	75	14	-
35 to 44 years	1 760	1 733	16	11	283	205	9	15	27	13	13	-
45 to 64 years	3 087	2 972	49	66	327	187	32	24	38	23	23	-
65 years and over	1 260	1 217	37	6	156	35	23	12	23	57	6	-
Male householder, no wife present	950	810	65	75	1 448	443	139	320	191	205	129	21
15 to 24 years	60	35	-	25	302	57	49	90	25	69	12	-
25 to 34 years	194	160	24	10	534	184	48	119	65	52	56	10
35 to 44 years	182	173	9	-	253	89	-	59	41	35	24	5
45 to 64 years	291	254	9	28	202	59	27	39	20	27	24	6
65 years and over	223	188	23	12	157	54	15	13	40	22	13	-
Female householder, no husband present	2 803	2 591	75	137	2 620	802	245	448	368	464	263	30
15 to 24 years	57	38	7	12	528	160	67	142	70	64	25	-
25 to 34 years	285	256	5	24	652	240	64	110	95	92	5	-
35 to 44 years	273	239	22	12	333	84	45	67	77	77	5	18
45 to 64 years	915	857	21	37	487	172	35	67	48	123	36	6
65 years and over	1 273	1 201	20	52	620	146	34	92	88	108	146	6
Median age	50.6	50.7	45.7	47.9	33.2	32.7	29.6	29.5	35.8	36.3	52.1	37.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	1 231	1 092	35	104	3 169	1 070	391	628	360	490	185	45
1975 to 1978	2 850	2 600	93	157	2 020	840	186	197	300	294	192	11
1970 to 1974	2 205	2 028	84	93	618	262	74	57	51	98	70	6
1960 to 1969	2 528	2 453	35	40	241	110	16	42	34	27	6	6
1959 or earlier	3 223	3 158	65	-	155	90	7	43	6	9	-	-
<b>ROOMS</b>												
1 room	5	-	5	-	119	9	-	14	16	61	19	-
2 rooms	15	4	-	11	520	25	33	87	164	114	80	17
3 rooms	157	89	39	29	1 465	239	156	453	202	214	201	-
4 rooms	1 757	1 476	102	179	1 813	628	224	257	185	390	90	39
5 rooms	4 186	3 976	63	147	1 448	840	148	123	140	126	59	12
6 rooms	3 002	2 915	70	17	591	415	89	26	44	13	4	-
7 or more rooms	2 915	2 871	33	11	216	24	7	-	-	-	-	-
Median	5.5	5.5	4.7	4.4	4.1	4.8	4.2	3.3	3.5	3.7	3.1	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	12 014	11 308	312	394	6 100	2 362	668	934	732	893	443	68
0.50 or less	7 941	7 472	219	250	3 703	1 221	351	645	433	629	383	41
0.51 to 1.00	3 812	3 592	80	140	2 168	1 059	290	221	253	258	60	27
1.01 to 1.50	242	225	13	4	198	77	27	53	35	6	-	-
1.51 or more	19	19	-	-	31	5	-	15	11	-	-	-
Lacking complete plumbing for exclusive use	23	23	-	-	103	10	6	33	19	25	10	-
0.50 or less	23	23	-	-	45	10	-	16	19	-	-	-
0.51 to 1.00	-	-	-	-	44	-	-	9	-	25	10	-
1.01 to 1.50	-	-	-	-	14	-	6	8	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>BEDROOMS</b>												
None	5	-	5	-	199	14	-	35	35	90	25	-
1	467	353	85	29	2 210	341	259	620	343	342	288	17
2	4 486	4 059	137	290	2 686	1 250	313	272	261	423	122	45
3	5 528	5 395	63	70	929	607	90	33	112	63	18	6
4	1 378	1 360	13	5	138	119	12	7	-	-	-	-
5 or more	173	164	9	-	41	41	-	-	-	-	-	-
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 196	1 105	49	42	1 441	359	183	359	137	228	157	18
\$5,000 to \$9,999	1 613	1 488	41	84	1 390	455	135	213	215	256	93	23
\$10,000 to \$12,499	753	700	19	34	677	272	67	113	86	87	42	10
\$12,500 to \$14,999	793	717	32	44	540	246	74	86	51	52	25	6
\$15,000 to \$19,999	1 883	1 761	49	73	937	445	83	88	101	136	79	5
\$20,000 to \$24,999	1 508	1 443	24	41	645	290	84	73	103	69	26	-
\$25,000 to \$34,999	2 343	2 238	57	48	409	233	31	24	36	48	31	6
\$35,000 to \$49,999	1 432	1 378	31	23	117	52	17	-	15	3	-	-
\$50,000 or more	516	501	10	5	47	20	-	11	7	9	-	-
Median	\$19 364	\$19 679	\$16 250	\$14 602	\$10 999	\$13 516	\$10 709	\$7 621	\$10 683	\$9 369	\$8 892	\$8 971
Mean	\$21 731	\$21 973	\$19 931	\$16 198	\$12 817	\$14 902	\$12 103	\$9 746	\$12 941	\$12 394	\$10 603	\$9 928
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	12 037	11 331	312	394	6 203	2 372	674	967	751	918	453	68
Steam or hot water system	530	483	47	29	587	49	51	160	117	170	40	-
Central warm-air furnace or electric heat pump	9 588	9 041	219	328	3 775	1 715	437	525	460	506	87	45
Other built-in electric units	423	381	15	27	780	41	21	79	140	187	312	7
Floor, wall, or pipeless furnace	632	608	7	17	346	179	64	70	8	15	5	5
Other means	864	818	24	22	715	388	101	133	26	40	9	18
Air conditioning	7 905	7 433	187	285	3 128	925	224	266	516	788	384	25
Central system	3 758	3 523	66	169	1 537	282	51	161	326	589	116	12
Vehicles available	11 178	10 528	268	382	5 109	2 060	546	736	584	796	337	50
1	4 136	3 840	118	178	3 362	1 101	381	551	433	586	292	18
2 or more	7 042	6 688	150	204	1 747	959	165	185	151	210	45	32
House heating fuel	12 037	11 331	312	394	6 203	2 372	674	967	751	918	453	68
Utility gas	10 897	10 388	257	252	4 709	2 166	628	777	481	515	85	57
Bottled, tank, or LP gas	5	-	-	5	44	-	-	11	-	22	11	-
Electricity	1 005	834	55	116	1 358	172	46	150	267	371	352	-
Fuel oil, kerosene, etc.	94	73	-	21	61	34	-	13	-	-	-	11
Other	36	36	-	-	31	-	-	-	3	10	5	-
Water heating fuel	12 026	11 320	312	394	6 198	2 367	674	967	751	918	453	68
Utility gas	9 875	9 568	242	65	4 395	1 989	587	784	448	451	102	34
Bottled, tank, or LP gas	37	-	-	-	89	24	-	22	7	25	11	-
Electricity	2 109	1 710	70	329	1 678	349	87	148	296	428	336	34
Fuel oil, kerosene, etc.	-	-	-	-	23	5	-	8	-	-	-	-
Other	5	5	-	-	13	-	-	-	-	14	4	-
Family householder	9 607	9 150	207	250	3 353	1 654	426	406	351	386	97	33
With own children under 18 years	4 712	4 495	89	128	2 251	1 169	309	267	237	200	52	17
With own children under 6 years	1 890	1 781	34	75	1 461	735	231	157	160	138	29	11
Female householder, no husband present	1 029	950	29	50	1 059	452	117	180	142	133	29	6
With own children under 18 years	539	480	25	34	864	372	101	152	112	101	20	6
With own children under 6 years	115	102	7	6	500	222	70	74	75	55	4	-
Nonfamily householder	2 430	2 181	105	144	2 850	718	248	561	400	532	356	35
Income in 1979 below poverty level	897	806	31	60	1 324	397	168	318	132	196	95	18
Percent below poverty level	7.5	7.1	9.9	15.2	21.3	16.7	24.9	32.9	17.6	21.4	21.0	26.5



Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Kokomo city</b>											
Owner-occupied housing units	12 037	2 265	4 192	2 191	1 862	882	401	152	92	2.40	33 574
Nonrelatives present	334	—	156	40	44	52	24	18	—	2.77	1 080
<b>ROOMS</b>											
1 to 3 rooms	177	90	74	5	8	—	—	—	—	1.48	332
4 rooms	1 757	607	688	294	140	28	—	—	—	1.89	3 578
5 rooms	4 186	969	1 666	710	508	200	84	30	19	2.17	10 291
6 rooms	3 002	428	934	609	586	302	81	48	14	2.73	8 985
7 rooms	1 538	120	484	343	283	188	79	33	8	2.98	5 053
8 or more rooms	1 377	51	346	230	337	164	157	41	51	3.68	5 335
Median	5.5	4.9	5.3	5.6	6.0	6.2	6.9	6.5	7.7	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	12 014	2 256	4 178	2 191	1 862	882	401	152	92	2.40	33 535
1.00 or less	11 753	2 256	4 178	2 191	1 854	854	317	74	29	2.37	31 961
1.01 to 1.50	242	—	—	—	8	28	84	78	44	6.51	1 527
1.51 or more	19	—	—	—	—	—	—	—	19	8.5+	47
Lacking complete plumbing for exclusive use	23	9	14	—	—	—	—	—	—	1.68	39
1.00 or less	23	9	14	—	—	—	—	—	—	1.68	39
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	11 331	2 063	3 912	2 097	1 790	852	385	140	92	2.42	31 754
2 or more	312	96	132	28	18	15	11	12	—	1.95	843
Mobile home or trailer, etc.	394	106	148	66	54	15	5	—	—	2.11	977
<b>VALUE</b>											
Specified owner-occupied housing units	10 773	1 934	3 663	2 021	1 726	833	374	140	82	2.44	30 217
Less than \$10,000	317	102	112	33	41	25	—	4	—	2.00	869
\$10,000 to \$19,999	1 951	507	634	298	240	168	62	22	20	2.24	4 974
\$20,000 to \$29,999	2 913	593	1 039	505	378	206	100	72	20	2.33	8 060
\$30,000 to \$39,999	2 389	392	855	534	416	103	55	—	34	2.44	6 272
\$40,000 to \$49,999	1 338	180	394	234	289	157	65	19	—	2.91	4 149
\$50,000 to \$59,999	682	88	207	197	99	59	26	6	—	2.73	1 993
\$60,000 to \$69,999	774	47	291	145	162	60	44	17	8	2.84	2 517
\$70,000 to \$79,999	298	25	94	45	69	43	22	—	—	3.17	981
\$80,000 to \$99,999	85	—	23	18	32	12	—	—	—	3.55	335
\$100,000 to \$149,999	26	—	14	12	—	—	—	—	—	2.43	67
\$150,000 or more	—	—	—	—	—	—	—	—	—	—	—
Median	\$30 800	\$25 200	\$30 500	\$33 300	\$34 400	\$31 600	\$35 300	\$25 800	\$30 300	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	12 037	2 265	4 192	2 191	1 862	882	401	152	92	2.40	33 574
Median income	\$19 364	\$7 191	\$17 771	\$23 793	\$23 979	\$27 861	\$28 798	\$25 385	\$29 167	...	...
Median selected monthly owner costs as percentage of household income	14.2	21.4	13.2	12.7	14.3	13.1	13.3	15.8	13.2	...	...
With a mortgage	15.3	26.2	15.7	14.5	14.9	13.5	13.6	18.1	13.2	...	...
Not mortgaged	11.5	19.0	10.3	10—	10—	10—	10—	11.6	—	...	...
Income in 1979 below poverty level	897	327	205	120	99	39	27	10	—	1.75	...
Median income	\$2 982	\$2 713	\$2 779	\$3 304	\$3 867	\$8 194	\$3 125	\$4 583	—	...	...
Median selected monthly owner costs as percentage of household income	50+	48.4	50+	50+	50+	50+	50+	50+	—	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	—	...	...
Not mortgaged	40.4	42.3	42.1	29.2	37.5	—	16.3	12.5	—	...	...
<b>Renter-occupied housing units</b>											
Nonrelatives present	6 203	2 538	1 487	1 007	713	259	114	62	23	1.88	13 668
Median	429	—	269	108	32	7	11	2	—	2.30	1 123
<b>ROOMS</b>											
1 room	119	114	5	—	—	—	—	—	—	1.02	123
2 rooms	520	435	60	12	13	—	—	—	—	1.10	619
3 rooms	1 465	979	277	135	74	—	—	—	—	1.25	2 165
4 rooms	1 813	594	611	394	152	35	27	—	—	2.01	3 787
5 rooms	1 448	309	411	295	266	107	16	31	13	2.51	4 070
6 rooms	591	74	93	132	160	84	31	7	10	3.47	1 911
7 or more rooms	247	33	30	39	48	33	40	24	—	3.95	993
Median	4.1	3.2	4.2	4.4	4.9	5.4	6.0	5.5	5.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	6 100	2 474	1 471	1 002	695	259	114	62	23	1.89	13 474
1.00 or less	5 871	2 474	1 466	990	622	224	71	24	—	1.81	12 340
1.01 to 1.50	198	—	—	12	60	35	43	38	10	5.27	1 004
1.51 or more	31	—	5	—	13	—	—	—	13	4.31	130
Lacking complete plumbing for exclusive use	103	64	16	5	18	—	—	—	—	1.30	194
1.00 or less	89	64	16	5	4	—	—	—	—	1.20	138
1.01 to 1.50	14	—	—	—	14	—	—	—	—	4.00	56
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	2 372	555	633	456	404	181	88	40	15	2.50	6 568
2	674	227	142	159	77	49	14	6	—	2.27	1 659
3 and 4	967	510	241	110	80	12	6	—	8	1.45	1 768
5 to 9	751	358	168	111	92	6	—	16	—	1.60	1 441
10 to 49	918	503	239	117	42	11	6	—	—	1.41	1 520
50 or more	453	350	58	33	12	—	—	—	—	1.15	577
Mobile home or trailer, etc.	68	35	6	21	6	—	—	—	—	1.47	135
<b>GROSS RENT</b>											
Specified renter-occupied housing units	6 093	2 497	1 454	994	696	255	114	60	23	1.88	13 398
Less than \$100	492	350	33	56	36	11	6	—	—	1.20	805
\$100 to \$149	553	324	142	54	11	5	8	9	—	1.35	932
\$150 to \$199	1 234	579	300	202	117	28	—	—	8	1.63	2 445
\$200 to \$249	1 498	526	373	295	205	51	36	12	—	2.10	3 431
\$250 to \$299	1 275	488	288	196	173	90	6	29	5	2.02	2 895
\$300 to \$349	470	99	132	110	75	31	13	—	10	2.54	1 168
\$350 to \$399	188	43	59	29	19	19	13	6	—	2.36	572
\$400 to \$499	107	13	5	29	39	9	12	—	—	3.67	430
\$500 or more	19	—	7	—	—	—	12	—	—	5.71	90
No cash rent	257	75	115	23	21	11	8	—	—	1.97	630
Median	\$219	\$194	\$222	\$226	\$234	\$265	\$263	\$263	\$267	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	6 203	2 538	1 487	1 007	713	259	114	62	23	1.88	13 668
Median income	\$10 999	\$7 919	\$13 426	\$11 721	\$13 458	\$17 375	\$15 833	\$18 571	\$31 167	...	...
Median gross rent as percentage of household income	22.8	26.0	20.8	21.9	22.1	19.0	23.4	18.4	13.8	...	...
Income in 1979 below poverty level	1 324	553	224	232	181	79	29	18	8	1.99	...
Median income	\$2 958	\$2500	\$3 144	\$3 581	\$3 853	\$4 517	\$6 181	\$7 083	\$3 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Kokomo city		Married-couple families										Male householder, no wife present				Female householder, no husband present				Median age		
		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years			65 years and over	
Total																						
Owner-occupied housing units -----																						
PERSONS IN UNIT																						
1 person	2 265	378	1 799	1 760	3 087	1 260		60	194	182	291	223	57	285	273	915	1 273	50.6				
2 persons	4 192	180	258	199	1 096		39	121	92	173	174	174	19	54	29	509	1 055	66.5				
3 persons	2 192	119	502	313	759	121	21	42	40	51	31	31	20	89	92	241	1 173	58.2				
4 persons	1 862	73	387	555	373	20	—	19	18	44	18	18	12	88	44	89	45	44.5				
5 persons	882	6	240	387	128	18	—	6	20	12	12	11	6	14	54	55	—	36.8				
6 or more persons	645	258	370	306	168	5	127	130	149	134	114	114	197	249	27	9	—	39.4				
Median	33 574	1 018	6 628	7 519	9 185	2 708		79	309	356	536	293	109	800	881	1 608	1 545	...				
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	12 014	378	1 799	1 760	3 087	1 246	60	194	182	291	223	57	285	273	915	1 264	50.5					
1.01 or more persons per room	261	—	24	126	51	14	—	6	—	—	—	—	—	14	27	13	—	38.9				
Lacking complete plumbing for exclusive use	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	69.1				
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified owner-occupied housing units -----																						
With a mortgage -----																						
Less than 15 percent	10 773	342	1 594	1 664	2 817	1 153	35	151	158	225	160	38	243	239	825	1 129	50.6					
15 to 19 percent	7 069	336	1 531	1 538	2 622	1 090	35	134	114	148	146	32	236	216	424	1 194	40.8					
20 to 24 percent	3 431	86	570	258	559	38	7	47	18	27	28	7	66	54	109	43	43.4					
25 to 29 percent	1 353	107	439	101	107	59	5	13	18	11	14	—	29	22	60	14	34.9					
30 to 34 percent	791	66	256	69	61	34	6	17	16	12	9	—	25	28	37	47	38.3					
35 percent or more	484	19	129	32	93	16	17	20	14	28	7	25	17	26	12	7	42.2					
Median	306	23	51	32	74	34	17	20	14	28	7	25	42	17	131	73	46.2					
Not computed	35	—	12	11	—	—	—	—	—	—	—	—	—	—	—	—	—	39.4				
Net mortgages -----	15.3	18.8	17.2	13.0	12.0	21.4	29.6	19.7	13.7	15.7	34.4	50.1	22.1	19.2	22.3	28.2	...					
Less than 10 percent	3 704	6	63	126	954	901	—	17	39	44	77	6	7	23	401	935	66.1					
10 to 14 percent	1 604	6	37	71	347	291	—	5	—	—	43	—	—	7	148	105	60.7					
15 to 19 percent	771	—	13	20	138	291	—	—	—	18	28	—	—	7	97	159	67.9					
20 to 24 percent	456	—	—	7	42	143	—	—	—	5	20	—	—	4	48	187	72.3					
25 to 29 percent	211	—	—	—	13	44	—	—	—	—	5	—	—	5	31	118	72.9					
30 to 34 percent	189	—	13	—	8	32	—	7	—	—	18	—	—	—	6	100	74.5					
35 percent or more	139	—	—	—	—	12	—	5	—	—	—	—	—	—	12	110	75.3					
Median	302	—	—	—	40	32	—	—	—	—	23	—	—	7	50	150	69.8					
Not computed	32	—	—	—	—	—	—	—	—	—	6	—	—	—	9	6	59.2					
Median	11.5	10.0	10.0	10.0	10.0	11.8	27.5	10.0	10.0	10.0	13.0	13.0	50.0	13.2	12.5	20.6	...					
Renter-occupied housing units -----																						
PERSONS IN UNIT																						
1 person	2 538	629	740	283	327	156	302	534	253	202	157	528	652	333	487	620	33.2					
2 persons	1 487	215	186	34	158	145	224	398	199	139	146	222	228	121	310	551	39.1					
3 persons	1 007	285	161	66	52	11	50	99	34	41	11	124	142	77	113	58	32.7					
4 persons	259	713	233	77	64	25	28	21	15	15	—	123	163	41	20	6	32.7					
5 persons	199	26	94	44	25	—	—	6	—	—	—	47	86	55	37	5	30.5					
6 or more persons	188	285	360	404	261	204	117	117	114	123	104	184	10	20	129	106	36.5					
Median	13 668	1 802	2 682	1 123	1 087	308	396	717	315	322	142	991	1 467	815	791	710	...					
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	6 100	618	733	283	327	156	291	528	248	189	133	528	648	321	482	615	33.1					
1.01 or more persons per room	229	24	60	48	34	—	6	4	5	5	—	19	22	7	5	—	33.1					
Lacking complete plumbing for exclusive use	103	11	7	—	—	—	11	—	—	—	—	—	4	12	—	—	38.7					
1.01 or more persons per room	14	6	—	—	—	—	—	—	—	—	—	—	—	8	—	—	35.6					
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified renter-occupied housing units -----																						
Less than 15 percent	6 093	622	728	275	319	151	297	523	253	194	151	528	644	333	476	597	33.1					
15 to 19 percent	1 223	73	202	93	129	11	59	189	86	80	4	21	84	57	80	45	34.6					
20 to 24 percent	1 162	109	194	62	109	25	75	142	40	41	32	48	120	93	49	69	32.1					
25 to 29 percent	895	126	150	31	50	18	6	50	26	26	25	55	96	39	47	111	33.1					
30 to 34 percent	444	63	44	12	5	14	44	25	46	7	10	33	60	24	54	45	29.2					
35 to 49 percent	411	62	36	15	14	21	22	30	13	4	—	49	40	37	32	36	32.5					
50 percent or more	671	85	30	34	12	19	32	39	6	23	49	60	87	39	62	103	36.2					
Median	324	38	32	13	42	9	52	28	6	8	7	28	119	44	126	126	30.6					
Not computed	22.8	24.4	18.8	18.1	16.2	24.7	25.6	17.4	18.2	16.8	25.5	41.4	25.2	22.1	29.5	29.7	...					

Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B)

Kokomo city

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	2 265	599	39	121	92	173	174	1 666	19	54	29	509	1 055
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	2 256	599	39	121	92	173	174	1 657	19	54	29	509	1 046
Lacking complete plumbing for exclusive use .....	9	—	—	—	—	—	—	9	—	—	—	—	9
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	2 063	503	28	99	83	148	145	1 560	19	49	22	481	989
2 or more .....	96	59	—	18	9	9	23	37	—	—	7	10	20
Mobile home or trailer, etc. ....	106	37	11	4	—	16	6	69	—	5	—	18	46
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	781	112	16	5	7	22	62	669	6	16	5	121	521
\$5,000 to \$9,999 .....	651	129	—	10	19	47	53	522	—	6	—	140	376
\$10,000 to \$12,499 .....	157	37	10	5	6	10	6	120	6	8	5	54	47
\$12,500 to \$14,999 .....	122	17	—	6	—	—	11	105	—	7	—	41	57
\$15,000 to \$19,999 .....	278	125	6	50	17	28	24	153	7	17	7	82	40
\$20,000 to \$24,999 .....	125	63	7	31	—	18	7	62	—	—	—	45	10
\$25,000 to \$34,999 .....	97	76	—	7	38	31	—	21	—	—	5	16	—
\$35,000 to \$49,999 .....	46	36	—	7	5	13	11	10	—	—	—	10	—
\$50,000 or more .....	8	4	—	—	—	4	—	4	—	—	—	—	4
Median .....	\$7 191	\$15 142	\$10 875	\$16 960	\$19 559	\$16 103	\$6 786	\$6 242	\$11 458	\$11 563	\$19 107	\$9 647	\$5 071
Mean .....	\$10 414	\$16 059	\$10 790	\$17 655	\$20 982	\$19 298	\$10 306	\$8 385	\$12 127	\$10 169	\$15 939	\$11 353	\$6 587
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
Specified owner-occupied housing units .....	1 934	445	28	90	73	131	123	1 489	19	49	22	466	933
With a mortgage .....	675	255	28	80	64	67	16	420	19	42	10	209	140
Less than \$200 .....	271	93	5	23	25	24	16	178	—	6	—	69	103
\$200 to \$249 .....	153	68	10	6	21	31	—	85	7	7	—	55	16
\$250 to \$299 .....	103	30	—	13	11	6	—	73	6	17	5	40	5
\$300 to \$349 .....	65	13	7	—	—	6	—	52	6	7	—	27	12
\$350 to \$399 .....	24	13	—	6	7	—	—	17	—	5	—	12	—
\$400 to \$499 .....	49	32	6	26	—	—	—	4	—	—	—	—	4
\$500 to \$599 .....	4	6	—	—	—	—	—	—	—	—	—	—	—
\$600 to \$749 .....	—	—	—	6	—	—	—	—	—	—	—	—	—
\$750 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$222	\$225	\$245	\$292	\$217	\$215	\$156	\$219	\$271	\$274	\$325	\$232	\$178
Not mortgaged .....	1 259	190	—	10	9	64	107	1 069	—	7	12	257	793
Less than \$50 .....	16	5	—	—	—	5	—	11	—	—	5	—	6
\$50 to \$74 .....	184	17	—	—	—	—	17	167	—	—	—	92	279
\$75 to \$99 .....	441	70	—	10	—	24	36	371	—	—	7	110	220
\$100 to \$124 .....	399	62	—	—	9	17	36	337	—	—	—	15	68
\$125 to \$149 .....	100	17	—	—	—	6	11	83	—	—	—	30	43
\$150 to \$199 .....	92	19	—	—	—	12	7	73	—	—	—	5	—
\$200 to \$249 .....	12	—	—	—	—	—	—	12	—	—	—	—	15
\$250 or more .....	15	—	—	—	—	—	—	15	—	—	—	—	—
Median .....	\$99	\$101	—	\$88	\$113	\$104	\$100	\$99	—	\$63	\$104	\$107	\$96
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	21.4	17.7	26.7	26.2	13.0	14.4	15.9	22.3	37.1	32.5	19.0	18.8	24.0
With a mortgage .....	26.2	24.4	26.7	26.2	13.8	22.0	34.4	27.3	37.1	29.4	25.0	22.6	32.1
Not mortgaged .....	19.0	10.0	—	20.0	10	—	13.7	20.4	—	50+	10	15.2	22.4
Income in 1979 below poverty level .....	397	64	11	5	7	15	26	333	—	16	5	92	220
Percent below poverty level .....	17.5	10.7	28.2	4.1	7.6	8.7	14.9	20.0	—	29.6	17.2	18.1	20.9
<b>Renter-occupied housing units</b> .....	2 538	1 106	224	398	199	139	146	1 432	222	228	121	310	551
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	2 474	1 051	217	392	194	126	122	1 423	222	228	117	310	546
Lacking complete plumbing for exclusive use .....	64	55	7	6	5	13	24	9	—	—	4	—	5
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	555	261	30	115	48	19	49	294	29	51	24	71	119
2 .....	227	107	43	26	—	23	15	120	21	26	14	29	30
3 and 4 .....	510	258	57	108	46	34	13	252	73	52	14	35	78
5 to 9 .....	358	164	19	55	41	15	34	194	43	15	24	33	79
10 to 49 .....	503	189	69	45	35	18	22	314	31	53	28	100	102
50 or more .....	350	116	6	49	24	24	13	234	25	31	5	36	137
Mobile home or trailer, etc. ....	35	11	—	—	5	6	—	24	—	—	12	6	—
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	885	186	43	33	45	17	48	699	110	41	32	169	347
\$5,000 to \$9,999 .....	667	263	75	67	12	32	77	404	87	59	38	59	161
\$10,000 to \$12,499 .....	201	109	28	48	6	20	7	92	13	35	11	21	12
\$12,500 to \$14,999 .....	209	112	27	55	16	—	14	97	6	48	11	14	18
\$15,000 to \$19,999 .....	304	205	23	103	45	34	—	99	6	40	23	24	6
\$20,000 to \$24,999 .....	180	144	20	73	36	15	—	36	—	5	6	18	7
\$25,000 to \$34,999 .....	73	68	8	19	26	15	—	5	—	—	—	5	—
\$35,000 to \$49,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more .....	19	19	—	13	6	—	—	—	—	—	—	—	—
Median .....	\$7 919	\$12 385	\$9 571	\$14 818	\$16 553	\$15 208	\$6 225	\$5 226	\$5 057	\$11 000	\$9 208	\$4 643	\$4 352
Mean .....	\$9 717	\$13 418	\$10 221	\$14 384	\$17 462	\$17 065	\$6 710	\$6 858	\$5 406	\$9 593	\$9 841	\$7 466	\$5 313
<b>GROSS RENT</b>													
Specified renter-occupied housing units .....	2 497	1 094	224	398	199	133	140	1 403	222	228	121	299	533
Less than \$100 .....	350	86	8	7	13	13	45	264	—	14	14	57	179
\$100 to \$149 .....	324	122	17	28	8	23	46	202	48	5	34	41	74
\$150 to \$199 .....	579	258	64	110	51	19	14	321	69	50	21	81	100
\$200 to \$249 .....	526	290	66	117	65	28	14	236	46	77	21	23	69
\$250 to \$299 .....	488	267	69	108	32	44	14	221	30	47	13	78	53
\$300 to \$349 .....	99	28	—	14	8	6	—	71	6	23	18	11	13
\$350 to \$399 .....	43	22	—	—	22	—	—	21	14	7	—	—	—
\$400 to \$499 .....	13	9	—	9	—	—	—	4	—	—	—	4	—
\$500 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent .....	75	12	—	5	—	—	7	63	9	5	—	4	45
Median .....	\$194	\$213	\$215	\$221	\$227	\$231	\$122	\$178	\$189	\$233	\$181	\$174	\$145
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	26.0	19.3	27.9	17.9	17.9	18.5	24.1	32.6	42.4	26.7	30.6	35.3	31.5
Income in 1979 below poverty level .....	553	110	43	9	31	13	14	443	95	35	27	107	179
Percent below poverty level .....	21.8	9.9	19.2	2.3	15.6	9.4	9.6	30.9	42.8	15.4	22.3	34.5	32.5

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Kokomo city					Kokomo city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	237	50	77	110	Vacant for rent housing units	542	255	188	99
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	13	—	4	9	1 room	—	—	—	—
4 rooms	24	6	—	18	2 rooms	53	37	—	16
5 rooms	83	20	28	35	3 rooms	217	87	94	36
6 rooms	46	12	16	18	4 rooms	161	92	47	22
7 rooms	39	—	18	21	5 rooms	64	16	27	21
8 or more rooms	32	12	11	9	6 rooms	27	19	8	—
Median	5.5	5.4	5.9	5.3	7 or more rooms	20	4	12	4
					Median	3.5	3.5	3.5	3.4
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	229	50	77	102	Complete plumbing for exclusive use	539	255	188	96
Lacking complete plumbing for exclusive use	8	—	—	8	Lacking complete plumbing for exclusive use	3	—	—	3
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None	—	—	—	—	None	9	9	—	—
1	20	—	4	16	1	277	125	90	62
2	78	23	31	36	2	202	106	75	21
3	99	27	36	36	3	36	15	9	12
4	40	—	6	34	4	14	—	14	—
5 or more	—	—	—	—	5 or more	4	—	—	4
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	33	5	16	12	1975 to March 1980	22	5	13	4
1970 to 1974	6	6	—	—	1970 to 1974	31	29	2	—
1960 to 1969	22	14	—	8	1960 to 1969	103	38	65	—
1950 to 1959	18	—	9	9	1950 to 1959	59	10	34	15
1940 to 1949	33	6	17	10	1940 to 1949	56	47	5	4
1939 or earlier	125	19	35	71	1939 or earlier	271	126	69	76
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached	189	39	65	85	1, detached or attached	134	57	42	35
2 or more	37	—	12	25	2	94	55	25	14
Mobile home or trailer	11	11	—	—	3 and 4	142	88	23	31
<b>HEATING EQUIPMENT</b>					5 to 9	59	27	13	19
Central heating system	155	44	44	67	10 to 49	97	16	81	—
Other means	82	6	33	43	50 or more	6	6	—	—
None	—	—	—	—	Mobile home or trailer	10	6	4	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units	178	39	65	74	Specified vacant for rent housing units	542	255	188	99
Less than \$10,000	5	—	5	—	Less than \$100	14	4	—	10
\$10,000 to \$19,999	54	6	16	32	\$100 to \$149	119	39	50	30
\$20,000 to \$29,999	29	6	10	13	\$150 to \$199	154	79	52	23
\$30,000 to \$39,999	43	13	13	17	\$200 to \$249	184	97	55	32
\$40,000 to \$49,999	14	9	5	—	\$250 to \$299	71	36	31	4
\$50,000 to \$59,999	5	5	—	—	\$300 to \$399	—	—	—	—
\$60,000 to \$79,999	14	—	11	3	\$400 or more	—	—	—	—
\$80,000 to \$99,999	9	—	—	9	Median	—	—	—	—
\$100,000 or more	5	—	5	—		\$197	\$202	\$197	\$167
Median	\$30 400	\$37 900	\$30 600	\$21 800					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Kokomo city</b>														
Total	178	5	83	57	28	5	30 400	542	14	273	255	—	—	197
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use	178	5	83	57	28	5	30 400	539	14	270	255	—	—	197
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	3	—	3	—	—	—	105
<b>BEDROOMS</b>														
None	—	—	—	—	—	—	—	9	—	9	—	—	—	141
1	7	—	7	—	—	—	16 300	277	14	169	94	—	—	191
2	56	5	35	11	5	—	19 500	202	—	75	127	—	—	216
3	94	—	29	46	14	5	36 000	36	—	16	20	—	—	210
4	21	—	12	—	9	—	29 400	14	—	—	14	—	—	247
5 or more	—	—	—	—	—	—	—	4	—	4	—	—	—	185
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980	28	—	—	—	23	5	85 000	22	—	5	17	—	—	262
1970 to 1974	—	—	—	—	—	—	—	31	—	2	29	—	—	215
1960 to 1969	22	—	—	17	5	—	41 700	103	—	33	70	—	—	229
1950 to 1959	18	—	—	18	—	—	35 000	59	—	51	8	—	—	134
1940 to 1949	25	—	14	11	—	—	26 900	56	—	28	28	—	—	195
1939 or earlier	85	5	69	11	—	—	17 000	271	14	154	103	—	—	185
<b>UNITS IN STRUCTURE</b>														
1, detached or attached	178	5	83	57	28	5	30 400	134	—	73	61	—	—	187
2 or more	—	—	—	—	—	—	—	398	14	190	194	—	—	199
Mobile home or trailer	—	—	—	—	—	—	—	10	—	10	—	—	—	118

Appendix A.—Area Classifications

REGIONS ..... A-1  
STATES ..... A-1  
PLACES ..... A-1  
    Incorporated Places ..... A-1  
    Census Designated Places .... A-1  
STANDARD METROPOLITAN  
STATISTICAL AREAS ..... A-1  
    Definition ..... A-1  
    SMSA Titles ..... A-1  
    New SMSA Standards. .... A-2  
BOUNDARY CHANGES ..... A-2  
AREA MEASUREMENT. .... A-2

REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN  
STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

## Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL.....	B-1	Persons.....	B-6
LIVING QUARTERS.....	B-1	Rooms.....	B-6
Housing Units.....	B-1	Persons Per Room.....	B-6
Comparability With 1970		Bedrooms.....	B-6
Census Housing Unit Data ..	B-2	STRUCTURAL	
Group Quarters.....	B-2	CHARACTERISTICS.....	B-6
Comparability With 1970 Cen-		Year Structure Built.....	B-6
sus Group Quarters Data.....	B-2	Units in Structure.....	B-6
Rules for Hotels, Room-		Stories in Structure.....	B-6
ing Houses, Etc.....	B-2	Passenger Elevator.....	B-6
Staff Living Quarters.....	B-2	PLUMBING	
Year-Round Housing Units.....	B-2	CHARACTERISTICS.....	B-6
OCCUPANCY AND VACANCY		Plumbing Facilities.....	B-6
CHARACTERISTICS.....	B-2	Comparability With 1970	
Occupied Housing Units.....	B-2	Census Plumbing Facilities	
Householder.....	B-2	Data.....	B-6
Child.....	B-2	EQUIPMENT AND FUELS.....	B-6
Nonrelative.....	B-3	Heating Equipment.....	B-6
Age of Householder.....	B-3	Comparability With 1970	
Household Type.....	B-3	Census Heating Equipment	
Year Householder Moved		Data.....	B-6
Into Unit.....	B-3	Air Conditioning.....	B-7
Vacant Housing Units.....	B-3	Vehicles Available.....	B-7
Vacancy Status.....	B-3	Comparability With 1970	
Duration of Vacancy.....	B-3	Census Automobiles	
Tenure.....	B-3	Available Data.....	B-7
Condominium Housing Units...	B-3	Fuels Used for House Heating	
Comparability With 1970		and Water Heating.....	B-7
Census Condominium		FINANCIAL	
Housing Unit Data.....	B-3	CHARACTERISTICS.....	B-7
Race of the Householder.....	B-3	Value.....	B-7
Comparability Between Sam-		Price Asked.....	B-7
ple and 100-Percent Data		Mortgage Status and Selected	
for Race of the Householder.	B-4	Monthly Owner Costs.....	B-7
Comparability With 1970		Mortgage Status and Selected	
Census Data on Race of the		Monthly Owner Costs as a	
Householder.....	B-4	Percentage of House-	
Spanish/Hispanic Origin of		hold Income in 1979.....	B-7
the Householder.....	B-5	Rent.....	B-7
Limitations of the Data		Gross Rent as a Percentage	
on Householders of		of Household Income	
Spanish/Hispanic Origin....	B-5	in 1979.....	B-8
Comparability Between		Household Income in 1979...	B-8
Sample and 100-Percent		Median Income.....	B-8
Data on Householders of		Comparability With 1970	
Spanish/Hispanic Origin....	B-5	Census Income Data.....	B-8
Comparability With 1970		Poverty Status in 1979.....	B-8
Census Data on House-		GENERAL	
holders of Spanish Origin			
and Householders of			
Spanish Heritage.....	B-5		
UTILIZATION			
CHARACTERISTICS.....	B-6		

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

## OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.



**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

#### **Comparability Between Sample and 100-Percent Data for Race of the Householder**

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

#### **Comparability With 1970 Census Data on Race of the Householder**

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

### **Comparability With 1970 Census**

**Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

### **Fuels Used for House Heating and Water Heating**

"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

## **FINANCIAL CHARACTERISTICS**

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

### **Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**

Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

## **Gross Rent as a Percentage of Household Income in 1979**

Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

## **Household Income in 1979**

Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

## **Comparability With 1970 Census Income Data**

In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.



**Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years**

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7 8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586 14,024





## Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE. . .	C-1
Armed Forces. . . . .	C-1
Crews of Merchant Vessels . . . .	C-1
Persons Away at School . . . . .	C-1
Persons in Institutions . . . . .	C-1
Persons Away From Their Residence on Census Day . . . .	C-1
Americans Abroad. . . . .	C-2
Citizens of Foreign Countries. . .	C-2
DATA COLLECTION	
PROCEDURES. . . . .	C-2
PROCESSING PROCEDURES. . . .	C-2

### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

INTRODUCTION . . . . . D-1

SAMPLE DESIGN . . . . . D-1

ERRORS IN THE DATA . . . . . D-1

    Calculation of Standard Errors . . . . . D-2

        Totals and Percentages . . . . . D-2

        Differences . . . . . D-2

        Means . . . . . D-2

        Medians . . . . . D-2

    Confidence Intervals . . . . . D-3

    Use of Tables to Compute

        Standard Errors . . . . . D-3

ESTIMATION PROCEDURE . . . . . D-3

CONTROL OF NONSAMPLING

    ERROR . . . . . D-5

        Undercoverage . . . . . D-5

        Respondent and Enumerator

            Error . . . . . D-5

        Processing Error . . . . . D-6

        Nonresponse . . . . . D-6

EDITING OF UNACCEPTABLE

    DATA . . . . . D-6

ALLOCATION TABLES . . . . . D-6

INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

## Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

## Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

## Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

## ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

## PERSONS

### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/  
Nonhouseholder

## Group

- |   |  |
|---|--|
| 1 | Householder  |
| 2 | Nonhouseholder (including persons in group quarters) |

Stage III—Age/Sex/Race/Spanish  
Origin

## Group White Race

Persons of Spanish Origin  
Male

- |   |                          |
|---|--------------------------|
| 1 | 0 to 4 years of age      |
| 2 | 5 to 14 years of age     |
| 3 | 15 to 19 years of age    |
| 4 | 20 to 24 years of age    |
| 5 | 25 to 34 years of age    |
| 6 | 35 to 44 years of age    |
| 7 | 45 to 64 years of age    |
| 8 | 65 years of age or older |

## Female

- |      |                                      |
|------|--------------------------------------|
| 9-16 | Same age categories as groups 1 to 8 |
|------|--------------------------------------|

Persons Not of Spanish Origin  
Same age and sex categories as groups 1 to 16

17-32

## Black Race

- |       |  |
|-------|--|
| 33-64 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

## Asian, Pacific Islander Race

- |       |  |
|-------|--|
| 65-96 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

American Indian, Eskimo, or  
Aleut Race

- |        |  |
|--------|--|
| 97-128 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|--------|--|

Other Race (includes those races  
not listed above)

- |         |  |
|---------|--|
| 129-160 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|---------|--|

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

## Stage I—Type of Household

Group Housing Units With a Family  
With Own Children Under 18

- |   |                                   |
|---|-----------------------------------|
| 1 | 2 persons in housing unit         |
| 2 | 3 persons in housing unit         |
| 3 | 4 persons in housing unit         |
| 4 | 5 to 7 persons in housing unit    |
| 5 | 8 or more persons in housing unit |

Housing Units With a Family  
Without Own Children Under 18

- |      |   |
|------|---|
| 6-10 | 2 persons in housing unit through 8 or more persons in housing unit |
|------|---|

## All Other Housing Units

- |       |   |
|-------|---|
| 11    | 1 person in housing unit  |
| 12-16 | 2 persons in housing unit through 8 or more persons in housing unit |

Stage II—Tenure/Race and Origin  
of Householder/Value or Rent

## Group Owner

## White Race (householder)

Persons of Spanish Origin  
(householder)

## Value of House

- |   |                        |
|---|------------------------|
| 1 | \$0 to \$9,999         |
| 2 | \$10,000 to \$19,999   |
| 3 | \$20,000 to \$24,999   |
| 4 | \$25,000 to \$49,999   |
| 5 | \$50,000 to \$99,999   |
| 6 | \$100,000 to \$149,999 |
| 7 | \$150,000+             |
| 8 | Other Owners           |

Persons Not of Spanish  
Origin



9-16	Same value categories as groups 1 to 8
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16
81	<i>Renter</i> <i>White Race</i> <i>Persons of Spanish Origin</i> <i>Rent Categories</i> \$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent
92-102	<i>Persons not of Spanish origin</i> Same rent categories as groups 81 to 91
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102

	<i>Other Race (includes those races not listed above)</i>
169-190	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.



Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <sup>1/</sup>												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.9	0.5
Vacant price asked and vacant rent asked..	1.1	0.8	0.5
Tenure.....	1.0	0.9	0.5
Units in structure.....	1.1	1.0	0.6
Stories in structure.....	1.0	0.9	0.5
Passenger elevator.....	1.0	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	1.0	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.8	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.1	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.8	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

	Housing units	
	100-percent count	Percent in sample
<b>The SMSA</b> <b>Places of 50,000 or More and</b> <b>Central Cities of SMSA's</b>		
The SMSA .....	39 362	20.6
<b>PLACES OF 50,000 OR MORE AND CENTRAL</b> <b>CITIES OF SMSA's</b>		
Kokomo city .....	19 526	16.1



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark **Yes**, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
  
Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
  
**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer **Yes only** if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. *Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.*

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

#### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

##### 11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

##### *For persons born outside the United States:*

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.
- If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.
- If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.
- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

## INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.



INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark **Local** government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

- b. Count every week in which the person did any work at all, even for an hour.
- c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.
- d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

- a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

- b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.
- c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.
- d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.
- e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.
- f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.
- g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario  
por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

## How to fill out your Census Form

**See** the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

**Use** a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this: ●

When you write in an answer, print or write clearly.

**Make** sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail** back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

**Please** start by answering Question 1 below.

### Question 1

#### List in Question 1

- Family members living here, including babies still in the hospital.
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

#### Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

**1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?**

---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---

#### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

Then please:

- answer the questions on pages 2 through 5 only,
- and
- enter the address of your usual home on page 20.

Please continue →

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2		
		Last name First name Middle initial		Last name First name Middle initial		
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<b>START</b> In this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →
<b>3. Sex</b> Fill one circle.					<b>5. Age, and month and year of birth</b>  a. Print age at last birthday.  b. Print month and fill one circle.  c. Print year in the spaces, and fill one circle below each number.	<b>5. Age, and month and year of birth</b>  a. Age at last birthday  b. Month of birth  c. Year of birth
<b>6. Marital status</b>  Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.  <input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.			CENSUS USE ONLY    A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O <input type="radio"/> O	CENSUS USE ONLY    A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O <input type="radio"/> O		

NOW PLEASE ANSWER QUESTIONS H1—H12  
FOR YOUR HOUSEHOLD

If you listed more than 7 persons in Question 1, please see note on page 20.

<b>PERSON in column 7</b>	
Last name	Middle initial
First name	
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.)	
Print tribe →	
a. Age at last birthday	c. Year of birth
1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 0
b. Month of birth	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> Jan.—Mar.	<input type="radio"/> Apr.—June
<input type="radio"/> Apr.—June	<input type="radio"/> July—Sept.
<input type="radio"/> July—Sept.	<input type="radio"/> Oct.—Dec.
<input type="radio"/> Oct.—Dec.	
<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten	
Elementary through high school (grade or year)	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> College (academic year)	
1 2 3 4 5 6 7 8 or more	
<input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	
A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.  
☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.  
☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One  
☐ 2 apartments or living quarters  
☐ 3 apartments or living quarters  
☐ 4 apartments or living quarters  
☐ 5 apartments or living quarters  
☐ 6 apartments or living quarters  
☐ 7 apartments or living quarters  
☐ 8 apartments or living quarters  
☐ 9 apartments or living quarters  
☐ 10 or more apartments or living quarters  
☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?  
☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only  
☐ Yes, but also used by another household  
☐ No, have some but not all plumbing facilities  
☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 4 rooms ☐ 7 rooms  
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms  
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?  
☐ Rented for cash rent?  
☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No  
☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☒ ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer  
☐ A house on 10 or more acres  
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999  
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999  
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999  
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999  
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999  
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999  
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999  
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999  
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999  
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999  
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999  
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169  
☐ \$50 to \$59 ☐ \$170 to \$179  
☐ \$60 to \$69 ☐ \$180 to \$189  
☐ \$70 to \$79 ☐ \$190 to \$199  
☐ \$80 to \$89 ☐ \$200 to \$224  
☐ \$90 to \$99 ☐ \$225 to \$249  
☐ \$100 to \$109 ☐ \$250 to \$274  
☐ \$110 to \$119 ☐ \$275 to \$299  
☐ \$120 to \$129 ☐ \$300 to \$349  
☐ \$130 to \$139 ☐ \$350 to \$399  
☐ \$140 to \$149 ☐ \$400 to \$499  
☐ \$150 to \$159 ☐ \$500 or more

FOR CENSUS USE ONLY

A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	F. Total persons
		Occupied	C1. Is this unit for —		
		<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> Less than 1 month	
		<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.	<input type="radio"/> 1 up to 2 months	
		Vacant	C2. Vacancy status	<input type="radio"/> 2 up to 6 months	
		<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 6 up to 12 months	
		<input type="radio"/> Usual home elsewhere	<input type="radio"/> For sale only	<input type="radio"/> 1 year up to 2 years	
		Group quarters	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> 2 or more years	
		<input type="radio"/> First form	<input type="radio"/> Held for occasional use		
		<input type="radio"/> Continuation	<input type="radio"/> Other vacant	E. Indicators	
			C3. Is this unit boarded up?	1. <input type="radio"/> Mail return	
			<input type="radio"/> Yes <input type="radio"/> No	2. <input type="radio"/> Pop./F	

Page 4

ALSO ANSWER THESE QUESTIONS

<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21 a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b> <b>H22a.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — <i>Skip to H15</i></li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	<b>H22c.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i></li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>b. Gas</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	<b>H22d.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>c. Water</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<b>H22e.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H22f.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<b>H22g.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<b>H22h.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul> <b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul> <b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul> <b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	<b>H22i.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
0	0	0																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														

## FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer . . . . .
- A house on 10 or more acres . . . . .
- A condominium unit . . . . .
- A house with a commercial establishment or medical office on the property . . . . .

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ \_\_\_\_\_ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ \_\_\_\_\_ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes
- ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ \_\_\_\_\_ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

## FOR CENSUS USE ONLY

①	2.	4.	②	2.	4.	③	2.	4.
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2
No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3
0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9
④	2.	4.	⑤	2.	4.	⑥	2.	4.
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2
No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3
0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9
⑦	2.	4.	GQ.	H30.	H31.	H32c.		
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	0 0	0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0		
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1		
0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2	2 2 2 2 2 2		
No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3	3 3 3 3 3 3		
0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4	4 4 4 4 4 4		
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5	5 5 5 5 5 5		
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6	6 6 6 6 6 6		
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7	7 7 7 7 7 7		
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8	8 8 8 8 8 8		
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9	9 9 9 9 9 9		

Name of State or foreign country; or Puerto Rico, Guam, etc.

-----  
(For example - Chinese, Italian, Spanish, etc.)  
-----

☐ Yes      ☐ No, in unincorporated area

☐ Yes      ☐ No

If car, truck, or van in 24b, go to 24c.  
Otherwise, skip to 28.

FOR CENSUS USE ONLY

[illegible]



## Page 7

➔ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

GENERAL . . . . . F-1

PUBLICATIONS . . . . . F-1

Population and Housing Census Reports . . . . . F-1

PHC80-1, Block Statistics . . . F-1

PHC80-2, Census Tracts . . . . F-2

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas . . . F-2

PHC80-4, Congressional Districts of the 98th Congress . . . . . F-2

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics. . . . . F-2

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics. . F-2

Population Census Reports . . . F-2

PC80-1, Volume 1, Characteristics of the Population . . F-2

PC80-1-A, Chapter A, Number of Inhabitants . . . . . F-2

PC80-1-B, Chapter B, General Population Characteristics . . F-2

PC80-1-C, Chapter C, General Social and Economic Characteristics. . . . . F-3

PC80-1-D, Chapter D, Detailed Population Characteristics. . . . . F-3

PC80-2, Volume 2, Subject Reports . . . . . F-3

PC80-S1, Supplementary Reports . . . . . F-3

Housing Census Reports . . . . F-3

HC80-1, Volume 1, Characteristics of Housing Units . . F-3

HC80-1-A, Chapter A, General Housing Characteristics. . . . . F-3

HC80-1-B, Chapter B, Detailed Housing Characteristics. . . . . F-3

HC80-2, Volume 2, Metropolitan Housing Characteristics. . . . . F-3

HC80-3, Volume 3, Subject Reports . . . . . F-3

HC80-4, Volume 4, Components of Inventory Change. . F-3

PUBLICATIONS—Con.

HC80-5, Volume 5, Residential Finance . . . . . F-4

HC80-S1-1, Supplementary Reports . . . . . F-4

Evaluation and Reference Reports . . . . . F-4

PHC80-E, Evaluation and Research Reports. . . . . F-4

PHC80-R, Reference Reports. F-4

PHC80-R1, Users' Guide. . . F-4

PHC80-R2, History . . . . . F-4

PHC80-R3, Alphabetical Index of Industries and Occupations . . . . . F-4

PHC80-R4, Classified Index of Industries and Occupations . . . . . F-4

PHC80-R5, Geographic Identification Code Scheme . . . . . F-4

COMPUTER TAPES . . . . . F-4

Summary Tape Files . . . . . F-4

STF 1 . . . . . F-4

STF 2 . . . . . F-4

STF 3 . . . . . F-4

STF 4 . . . . . F-5

STF 5 . . . . . F-5

Other Computer Tape Files . . . F-5

P.L. 94-171, Population Counts. . . . . F-5

Master Area Reference Files 1 and 2 (MARF) . . . . . F-5

Geographic Base File/Dual Independent Map Encoding (GBF/DIME). . . . . F-5

Public-Use Microdata Samples . . . . . F-5

Census/EEO Special File. . . . F-5

MAPS . . . . . F-5

MICROFICHE . . . . . F-5

STF 1 Microfiche . . . . . F-5

STF 3 Microfiche . . . . . F-5

P.L. 94-171 Counts Microfiche. . F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

## Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

## Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

**Other Computer Tape Files**

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

**Master Area Reference Files 1 and 2 (MARF)**

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

**MAPS**

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

**MICROFICHE**

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

---

# 1980 Census of Population and Housing

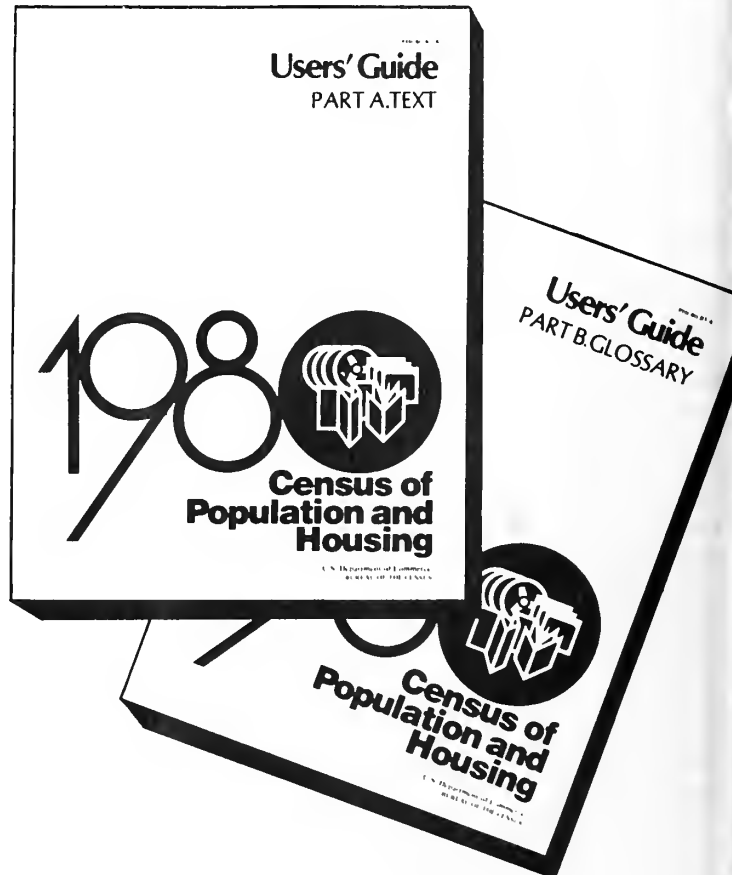
## Users' Guide

---

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



---

Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)



Census REF AD 7293 .A56x  
1983 v.2 pt.204 c.1  
Census of housing (1980).  
1980 census of housing.

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

Official Business

Penalty for Private Use, \$300



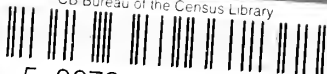
POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE  
COM-202

---

Special Fourth-Class  
Rate—Book





CB Bureau of the Census Library  
  
5 0673 01033297 4